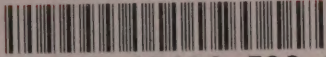
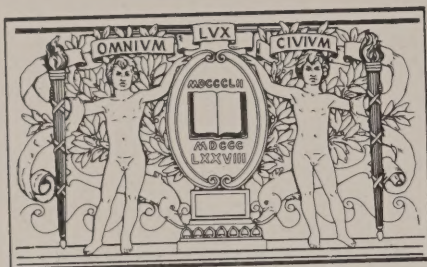


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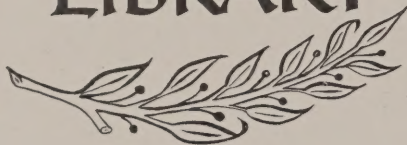


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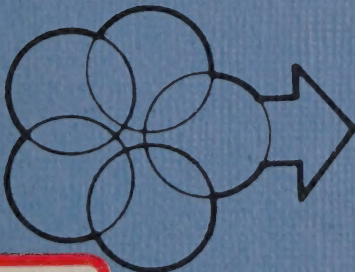
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# METRO WAYS TO UNDERSTANDING

A PLAN FOR THE VOLUNTARY ELIMINATION OF  
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS  
OF THE BOSTON METROPOLITAN AREA

## VOLUME III COMMUNITY PROFILES

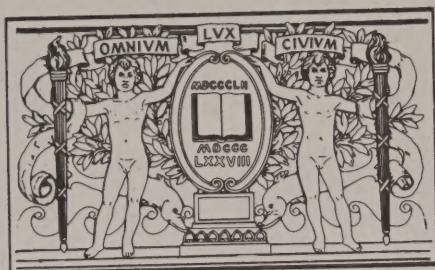
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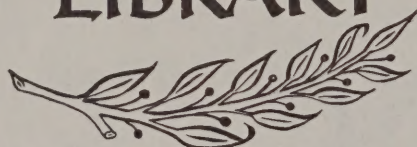
THE METROPOLITAN PLANNING PROJECT

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METRO WAYS TO UNDERSTANDING:

A Plan for the Voluntary Elimination of  
Racial and Ethnic Isolation in the Schools of  
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 010  
Town of Arlington

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1973-74

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## ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socio-economic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.



During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METROETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMENT - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.



#### ACKNOWLEDGEMENT

I wish to thank Dr. Forbes Bottomly for his encouragement and support of this research approach; Edward Feinman and Leslie S. May who, together with the Support Research Staff and myself, developed the analyses in Volume II RESOURCES FOR IMPLEMENTATION and Volume III COMMUNITY PROFILES. Our grateful appreciation to Mrs. Helen Taggart who formatted and typed the research materials.

Marcia Marker Feld,  
Executive Director

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Dr Forbes Bottomly

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## INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn

There are also Profiles for each of the following regional school districts:

Dover-Sherborn  
Experimental School System of the Commonwealth of Massachusetts  
Hamilton-Wenham  
Lincoln-Sudbury  
North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.



## NOTES AND SOURCES FOR THE COMMUNITY PROFILES

### EDUCATIONAL CHARACTERISTICS

#### PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT

By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

#### PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

#### PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:

The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74; Institute for Educational Services, Inc., "Survey on Collaboration", 1971; Metropolitan Planning Project Support Research Component Telephone Survey, 1974; Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidescope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR  
Level and Type of School by Race  
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidescope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts



State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White"(or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:  
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

- Concord (Concord-Carlisle Regional High School)
- Dover (Dover-Sherborn Regional High School)
- Hamilton (Hamilton-Wenham Regional High School)
- Lincoln (Lincoln-Sudbury Regional High School)
- Middleton (Masconomet Regional High School)
- Nahant (all Nahant high school students attend high schools in Lynn)
- Norfolk (King Philip Regional High School)
- Sherborn (Dover-Sherborn Regional High School)
- Sudbury (Lincoln-Sudbury Regional High School)
- Topsfield (Masconomet Regional High School)
- Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.



PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the  $R^2$  (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast --  $R^2$ 's of .8 or .9 are very reliable,  $R^2$ 's of .5, .6, or .7 are good, and  $R^2$ 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary

Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group, Fall, 1974. Since this information was collected from selected school districts, data was only available for 68 of the 83 Boston metropolitan area districts. MPP support research staff contacted the remaining districts to complete the survey. The following school districts provided this information:

Cohasset  
Dover  
Dover-Sherborn Regional High School  
Experimental School System of the Commonwealth of Massachusetts  
Hamilton-Wenham Regional High School  
Holbrook  
Manchester  
Nahant  
Topsfield  
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland  
Beverly  
Braintree  
Cohasset  
Experimental School System of the Commonwealth of Massachusetts  
Framingham  
Hamilton-Wenham Regional High School  
Manchester  
Medfield  
Medford  
Middleton  
Millis  
Nahant  
Norfolk  
Pembroke  
Saugus  
Sherborn  
Sudbury  
Topsfield  
Walpole



The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

#### PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

#### PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized

tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

#### PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

#### PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

#### PAGE 5 - PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.



PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Education Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference

between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to  $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$ . If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

#### PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal  $(75-50)/50 = 25/50 = +50\%$ . If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

#### PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

#### PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000  $(\$100,000 - \$50,000)$ . The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to  $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$ . If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.



PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal  $(75-50)/50 = 25/50 = +50\%$ . If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph

is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:  
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

#### PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

#### PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.



PAGE 10 -                    1970 CENSUS:  
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 -                    1970 CENSUS:  
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"

is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY  
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.



PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES  
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER  
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.

Information on families includes all those people living in the same household who are related to the head by blood, marriage, or adoption. Information on unrelated individuals includes all members of a household who are not related to anyone else in the household or a person living in group quarters who is not an inmate of an institution. An N.A. indicates that this information was not available for the school district.

PAGE 13 -                   1970 CENSUS: EMPLOYMENT STATUS BY RACE  
                            of Persons 16 Years of Age and Over in Labor Force

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 54, "Population 16 Years Old and Over by Labor Force Status, Selected Characteristics, and Sex". This information was based on a 20 percent sample survey. The employment or labor force status of persons over 16 is recorded by the U.S. Bureau of the Census in three categories: "In Labor Force", "In Armed Forces", and "Not in Labor Force". The information in this table covers only those people in the labor force, and this category is broken down into those who are "Employed" and those who are "Unemployed". Since the number and percent "Unemployed" is only based on those people in the labor force, it is an undercount of actual unemployment in a community. The "Total" is of those people 16 years and over in the labor force. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total" column. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 14 -                   1970 CENSUS:  
                            Number of Persons in Families and  
                            Number of Unrelated Individuals with Income Less Than Poverty Level

The information on the number of "Persons in Families" below poverty level was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 83, "Aggregate Number of Persons in Families below Poverty Level".

The information on the "Number of Unrelated Individuals with Income Less Than Poverty Level" was obtained from the U.S. Department of Commerce, Bureau of the Census 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 89, "Unrelated Individuals by Age and Poverty Status". This information was based on a 20 percent sample survey. The number of persons in families and the number of unrelated individuals were tallied by the MPP support research staff to arrive at the total in this table.



The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 - 1970 CENSUS:  
Number of Related Children Under 18 in Families  
Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,

or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

#### PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

#### LAND USE CHARACTERISTICS

#### PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

#### HOUSING CHARACTERISTICS

#### PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the



Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24.

The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 -           1970 CENSUS: NUMBER OF HOUSING UNITS  
                  by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW  
                  Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION  
                  STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.

PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column.

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS  
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.



PAGE 20 - 1970 CENSUS:  
Average Number of  
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF  
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.

## NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

### PAGE 1 - SCHOOL DISTRICT #, SCHOOL #

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

### PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

### PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)



20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.  
They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.

PAGE 1 - 1973-74 FEDERAL PROGRAMS

The information on "Title I" programs in a school ("Type of Program", "# of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("# Students, Free"; "# Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.



This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)

PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include "White" students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:  
 $(50-75)/75 = (-25)/75 = -0.33$ .

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".



PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May





EDUCATIONAL CHARACTERISTICS

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non-white
Elementary	11	4,677	4,583	94
Junior High	4	1,416	1,393	23
High School	1	2,785	2,719	66
Special & Ungraded	1	15	15	0
Regional	0			
Vocational	0			
Total	17	8,893	8,710	183

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools					
Year	Total	Public		Non-public	
		#	%	#	%
1967-68	12,263	9,120	74.4	3,143	25.6
1970-71	11,651	9,610	82.5	2,041	17.5
1972-73	11,026	9,189	83.3	1,837	16.7

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Massachusetts Association of School Business Officials (MASBO); Special Education; Arts for Inter-Group Education (AFIRE) - Title III;	Massachusetts Bay Cooperative Data Study (MABCODS); Metropolitan Council for Educational Opportunity, Inc. (METCO); Minuteman Vocational Tech

Education Collaborative Reading and Learning Center (Title III);

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)									
Level and Type of School	Total		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Nursery School									
Public	43	0.3	43	0.3	0		0		
Parochial	0		0		0		0		
Private	209	1.5	209	1.5	0		0		
Kindergarten									
Public	1,102	7.6	1,075	7.5	8	13.8	7	20.0	
Parochial	7	0.1	7	0.1	0		0		
Private	38	0.3	38	0.3	0		0		
Elementary (1-8)									
Public	5,717	39.7	5,619	39.4	50	86.2	6	17.0	
Parochial	1,098	7.6	1,098	7.7	0		0		
Private	104	0.7	104	0.7	0		5	14.0	
High School (1-4)									
Public	2,720	18.9	2,710	19.0	0		7	20.0	
Parochial	737	5.1	737	5.2	0		0		
Private	261	1.8	261	1.8	0		0		
College									
Public	680	4.7	680	4.8	0		7	20.0	
Private	1,689	11.7	1,689	11.8	0		3	8.6	

FEDERALLY-FUNDED PROGRAMS: 1973-74		
Program	# of Students	% Total Enrollment
Title I	180	2.0
Title III	58	0.6





## EDUCATIONAL CHARACTERISTICS

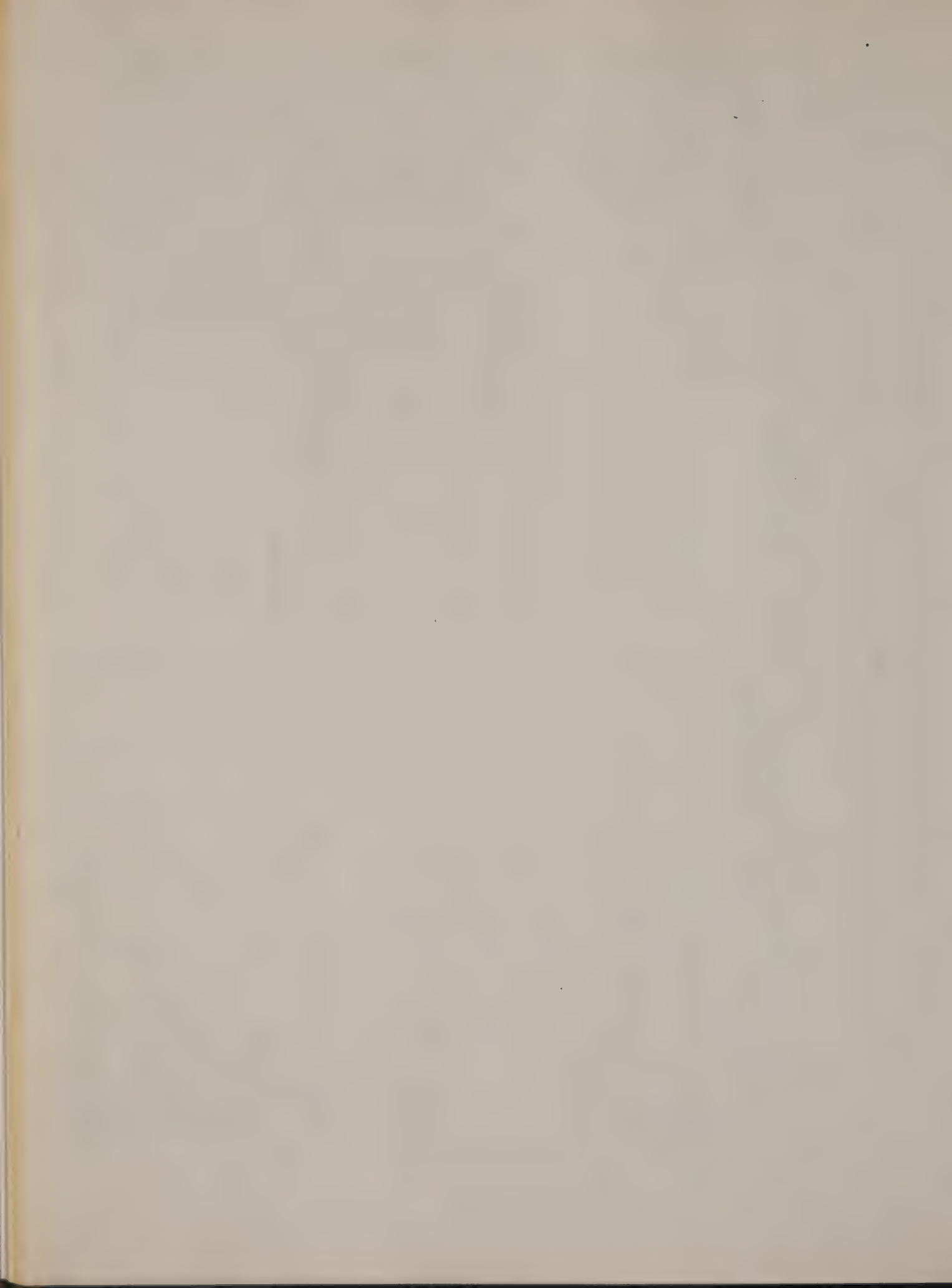
RACIAL CENSUS: 1967-68; 1970-71; 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	9,187	9,112	99.2	75	0.8
1970-1971	9,608	9,459	98.4	149	1.6
1972-1973	9,189	9,061	98.6	128	1.4

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	+2	+0.02		
White	-51	-0.6		-0.6
Non-white	+53	+70.7		+75.0

STUDENT ETHNIC CENSUS: 1973-74						
	Black	Native-American	Non-white		Spanish Surname	
			Asian-American	Other		
Number	80	2	46	55		
Percent	0.9	0.0	0.5	0.6		

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	77	14.8	106	16.6	
4-yr. Other College	112	21.5	150	23.4	
2-yr. State College	16	3.1	108	16.9	
2-yr. Other College	70	13.4	36	5.6	
Nurses Training	8	1.5	27	4.2	
Other Post Secondary	79	15.2	72	11.3	
Military	17	3.3	14	2.2	
Work	133	25.5	112	17.5	
Other	0		15	2.3	
TOTAL	521	100.0	640	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74			
Language	Number of Students	Percent of Bilingual Enrollment	
TOTAL	0		
Chinese			
French			
Greek			
Italian			
Portuguese			
Spanish			
Other			





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 010 ARLINGTON

EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982					
Past Enrollments: 1964 - 1972					
Projected Enrollments: 1973 - 1982					
School Year Beginning in Fall of	Total K-12 (R <sup>2</sup> = .832 )	Total K-6 (R <sup>2</sup> = .522 )	Total 7-12 (R <sup>2</sup> = .904)	White K-12 (R <sup>2</sup> = .816)	Non-white K-12 (R <sup>2</sup> = .874 )
1964	8365.00	4804.02	3560.98	8309.00	56.0000
1965	8886.00	5093.07	3792.93	8830.00	56.0000
1966	9019.00	5193.94	3825.06	8957.00	62.0000
1967	9187.00	5137.40	4049.59	9112.00	75.0000
1968	9311.00	5232.75	4078.25	9191.00	120.000
1969	9704.00	5449.22	4254.77	9580.00	124.000
1970	9607.00	5305.00	4302.00	9458.00	149.000
1971	9710.00	5189.00	4521.00	9579.00	131.000
1972	9189.00	4957.00	4232.00	9061.00	128.000
1973	9548.31	5216.09	4418.29	9405.61	143.426
1974	9553.62	5216.09	4443.82	9409.03	145.271
1975	9556.80	5216.09	4463.64	9410.98	146.435
1976	9558.70	5216.09	4478.98	9412.09	147.165
1977	9559.84	5216.09	4490.84	9412.71	147.619
1978	9560.52	5216.09	4499.98	9413.09	147.902
1979	9560.92	5216.09	4507.04	9413.29	148.077
1980	9561.16	5216.09	4512.47	9413.41	148.185
1981	9561.31	5216.09	4516.65	9413.48	148.252
1982	9561.39	5216.09	4519.87	9413.52	148.294





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 010 ARLINGTON

EDUCATIONAL CHARACTERISTICS

NUMBER OF TEACHERS BY RACE: 1972-73												
Total	White		Non-White		Non-white							
	#	%	#	%	Black		Asian-American		Native-American		Spanish Surname	
					#	%	#	%	#	%	#	%
492	489	99.4	3	0.6	1	0.2	1	0.2	0		1	0.2

NUMBER OF TEACHERS, TEACHER AIDES AND OTHER PROFESSIONAL STAFF: 1973-74																	
Staff Status	Total	White			Non-white			Non-white									
		White		%	Non-white		Black		Asian-American		Native-American		Spanish Surname		Other		
		#	%		#	%	#	%	#	%	#	%	#	%	#	%	
Teachers	468	467	99.8	1	0.2	0		0		0		0		1	0.2	0	
Teacher Aides	13	13	100.0	0													
Other Professional Staff	117	116	99.1	1	0.9	1	0.9	0		0		0		0		0	
Total	598	596	99.7	2	0.3	1	0.2	0		0		1	0.2	1	0.2	0	





## EDUCATIONAL CHARACTERISTICS

1973 MOODY'S BOND RATING

Aa \_\_\_\_\_

1973 SCHOOL TAX RATE	
Official	Equalized
28.80	26.78

1973 TAX RATE	
Official	Equalized
56.80	52.82

PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74		
	# of Lunch Program Students	% of Total Enrollment
TOTAL	185	2.1
Free	185	2.1
Reduced Price	0	

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	15	0.2
1970-71	30	0.3
1972-73	30	0.3
1973-74	29	0.3



## EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73									
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
1967-68	7,223,499	5,966,594	82.6	957,709	13.3	266,038	3.7	41,438	0.6
1970-71	9,618,692	8,294,175	86.2	1,123,425	11.7	276,969	2.9	21,402	0.2
1972-73	11,208,325	9,625,988	85.9	1,298,650	11.6	437,122	3.9	4,494	0.0

Notes: \*The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72										
Changes in Public School Funds Provided 1967-72	Total		Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
	\$	%	\$	%	\$	%	\$	%	\$	%
	3,984,826	55.2	3,659,394	61.3	340,941	35.6	171,084	64.3	-36,944	-89.2

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72				
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	Other School Districts
	4.0		-12.8	5.4
				-100.0





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 010 ARLINGTON

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

Year	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Regional School Assessments	Expenditures for Services provided by Other Municipal Agencies		Expenditures of Federal Funds		Expenditures of Revolving Funds		
		Administration		Instruction		Other*			\$	%	\$	%	\$	%	
		\$	%	\$	%	\$	%								
1967-68	7,223,499	158,835	2.2	4,935,822	68.3	1,068,044	14.8	649,563	9.0	0		165,309	2.3	245,926	3.4
1970-71	9,618,692	169,976	1.8	6,761,295	70.3	1,547,087	16.0	792,991	8.2	0		91,217	1.0	256,126	2.7
1972-73	11,208,325	250,076	2.2	7,951,323	70.9	1,703,594	15.2	801,500	7.2	166,871	1.5	150,356	1.3	184,605	1.7

ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

Changes in Public School Funds Expended 1967-72	Total Public School Funds Applied	ABSOLUTE DOLLAR AND PERCENTAGE										Expenditures of Federal Funds	Expenditures of Revolving Funds		
		Expenditures by School Committee						Expenditures for Regional School Assessments		Expenditures for Services provided by Other Municipal Agencies					
		Administration		Instruction		Other*		Expenditures for Regional School Assessments							
		\$	%	\$	%	\$	%		\$		%				
	3,984,826	91,241	57.4	3,015,501	61.1	635,550	59.5	151,937	23.4	166,871	Undefined	-14,953	-9.0	-61,321	-24.9

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

Percent Change in Proportional Distribution of Expenditures 1967-72	PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES BY SCHOOL COMMITTEE						Expenditures for Regional School Assessments	Expenditures of Federal Funds	Expenditures of Revolving Funds
	Expenditures by School Committee			Other*	Expenditures for Services provided by Other Municipal Agencies	Undefined			
	Administration	Instruction							
	0.0	3.8		2.7	-20.0			-43.5	-50.0

Note: \*Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 010 ARLINGTON

EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED									
Level and Years of School Completed	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
No School									
Year Completed	331	1.0	319	1.0	0		0		
Elementary:									
1-4 years	373	1.1	373	1.2	0		0		
5-6 years	904	2.8	894	2.8	7	9.9	0		
7 years	567	1.7	567	1.8	0		7	4.9	
8 years	2,075	6.4	2,056	6.4	7	9.9	0		
High School:									
1-3 years	4,973	15.3	4,940	15.3	12	16.9	7	4.9	
4 years	13,218	40.6	13,175	40.9	25	35.2	72	50.3	
College:									
1-3 years	4,284	13.2	4,259	13.2	7	9.9	39	27.3	
4 years	2,898	8.9	2,840	8.8	13	18.3	6	4.2	
5 years or more	2,901	8.9	2,793	8.7	0		12	8.4	
Total	32,524	100.0	32,216	100.0	71	100.0	143	100.0	

MEDIAN SCHOOL YEARS COMPLETED			
Total Population	White	Black	Spanish-American
12.1	12.1	11.8	12.6



## DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970	
1960-70	
Increase (+) or Decrease (-)	+3,571
% Change 1960-70	
Increase (+) or Decrease (-)	+7.1
Balance of Births to Deaths	
Excess of Births (+)	
Excess of Deaths (-)	+3,823
Net Migration	
Excess of People Moving In (+)	
Excess of People Moving Out (-)	-252

1970 CENSUS: FERTILITY RATIO BY RACE	
Total Population	1.223:1
White	1.218:1
Black	1.888:1
Spanish-American	0.820:1





DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Household Population by Race			
Race	Total Population #	Population in Households	
		#	%
White	53,002	52,643	99.0
Black	164	163	0.3
Other	358	358	0.7
Total	53,524	53,164	100.0

1970 CENSUS: Number of Families by Sex of Family Head				
	Family Head	Total		
		Popula- tion	White	Black Spanish- American
Male		12,412	12,282	26
Female		1,734	1,711	14
Total		14,146	13,993	40
				58

1970 CENSUS: AGE DISTRIBUTION BY RACE									
Age	Total	White		Non-white		Non-white			
		#	%	#	%	Black		Other	
						#	%	#	%
Under 5	3,880	3,826	7.2	54	10.3	20	12.2	34	9.5
5 - 9	4,336	4,290	8.1	46	8.8	11	6.7	35	9.8
10 - 14	4,643	4,610	8.7	33	6.3	12	7.3	21	5.9
15 - 19	4,199	4,160	7.8	39	7.5	14	8.5	25	7.0
20 - 24	3,944	3,911	7.4	33	6.3	13	7.9	20	5.6
25 - 44	12,384	12,193	23.0	191	36.6	44	26.8	147	41.1
45 - 64	12,627	12,549	23.7	78	14.9	36	22.0	42	11.7
65 and Over	7,511	7,463	14.1	48	9.2	14	8.5	34	9.5
Total	53,524	53,002	100.0	522	100.0	164	100.0	358	100.0





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 010 ARLINGTON

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White	Black	Spanish-American
	#	%	#	#	#
Native of Native Parent	31,523	58.8	31,371	89	14
Foreign Stock	22,053	41.2	21,780	65	206
Total	53,576	100.0	53,151	154	220

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
Canada	4,825	21.9	
Ireland	4,761	21.6	
Italy	3,900	17.7	
United Kingdom	1,542	7.0	

1970 CENSUS: SPANISH POPULATION INDICATORS			
Indicators	# of Persons	% of Total Population	
Spanish Origin or Descent	245	0.5	
Puerto Rican Birth or Parentage	0		
Spanish Language	220	0.4	

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English			
Mother Tongue	# of Persons	% of Total Population	
Italian	3,770	7.0	
French	1,160	2.2	
German	702	1.3	
Portuguese	628	1.2	



## ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	5,406	23.2	5,292	23.0	14	25.0	26	23.0	
Managers and Administrators, except Farm	2,349	10.1	2,336	10.1	0		7	6.2	
Sales Workers	1,904	8.2	1,891	8.2	7	12.5	9	8.0	
Clerical and Kindred Workers	6,078	26.1	6,028	26.2	18	32.1	25	22.1	
Craftsmen, Foremen and Kindred Workers	2,406	10.3	2,406	10.4	0		16	14.2	
Operatives, except Transport	1,534	6.6	1,528	6.6	6	10.7	30	26.5	
Transport Equipment Operatives	590	2.5	590	2.6	0		0		
Laborers, except Farm	475	2.0	470	2.0	5	8.9	0		
Farmers and Farm Managers	16	0.0	16	0.0	0		0		
Farm Laborers and Foremen	16	0.0	16	0.0	0		0		
Service Workers, except Private Household	2,412	10.4	2,394	10.4	0		0		
Private Household Workers	80	0.3	74	0.3	6	10.7	0		
Total	23,266	100.0	23,041	100.0	56	100.0	113	100.0	





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 010 ARLINGTON

ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS							
Year	Families			Unrelated Individuals			
	All	White	Black	Spanish-American	All	White	Black
1960	\$ 7,538	N.A.	N.A.	N.A.	\$2,466	N.A.	N.A.
1970	\$12,246	\$12,246	\$10,284	\$12,750	\$5,209	\$5,202	\$8,500
							\$5,718

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force									
Employment Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	%
Employed	23,266	97.3	23,041	97.3	56	88.9	113	100.0	
Unemployed	653	2.7	641	2.7	7	11.1	0		
Total	23,919	100.0	23,682	100.0	63	100.0	113	100.0	





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 010 ARLINGTON

ECONOMIC CHARACTERISTICS

1970 CENSUS: Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level								
Family Status	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Persons in Families	2,074	71.4	1,987	70.5	25	100.0	0	
Unrelated Individuals	830	28.6	830	29.5	0		0	
Total	2,904	100.0	2,817	100.0	25	100.0	0	

1970 CENSUS: Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents								
Parental Presence	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Living with Both Parents	443	2.8	402	2.6	14	20.9	0	
Other	497	3.2	497	3.2	0		0	
Total	940	6.0	899	5.8	14	20.9	0	



ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967				
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$
Agriculture and Mining	11	967,103	180	5,373
Construction	109	4,372,296	597	7,324
Manufacturing	38	234,719	396	5,927
Transportation, Communication, and Utilities	30	72,508	186	3,898
Wholesale and Retail Trade	214	9,510,884	1,833	5,189
Finance, Insurance, Real Estate	46	1,493,578	254	5,880
Service Industries	180	3,241,398	758	4,276
Total	628	22,657,460	4,205	5,388





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 010 ARLINGTON

ECONOMIC CHARACTERISTICS

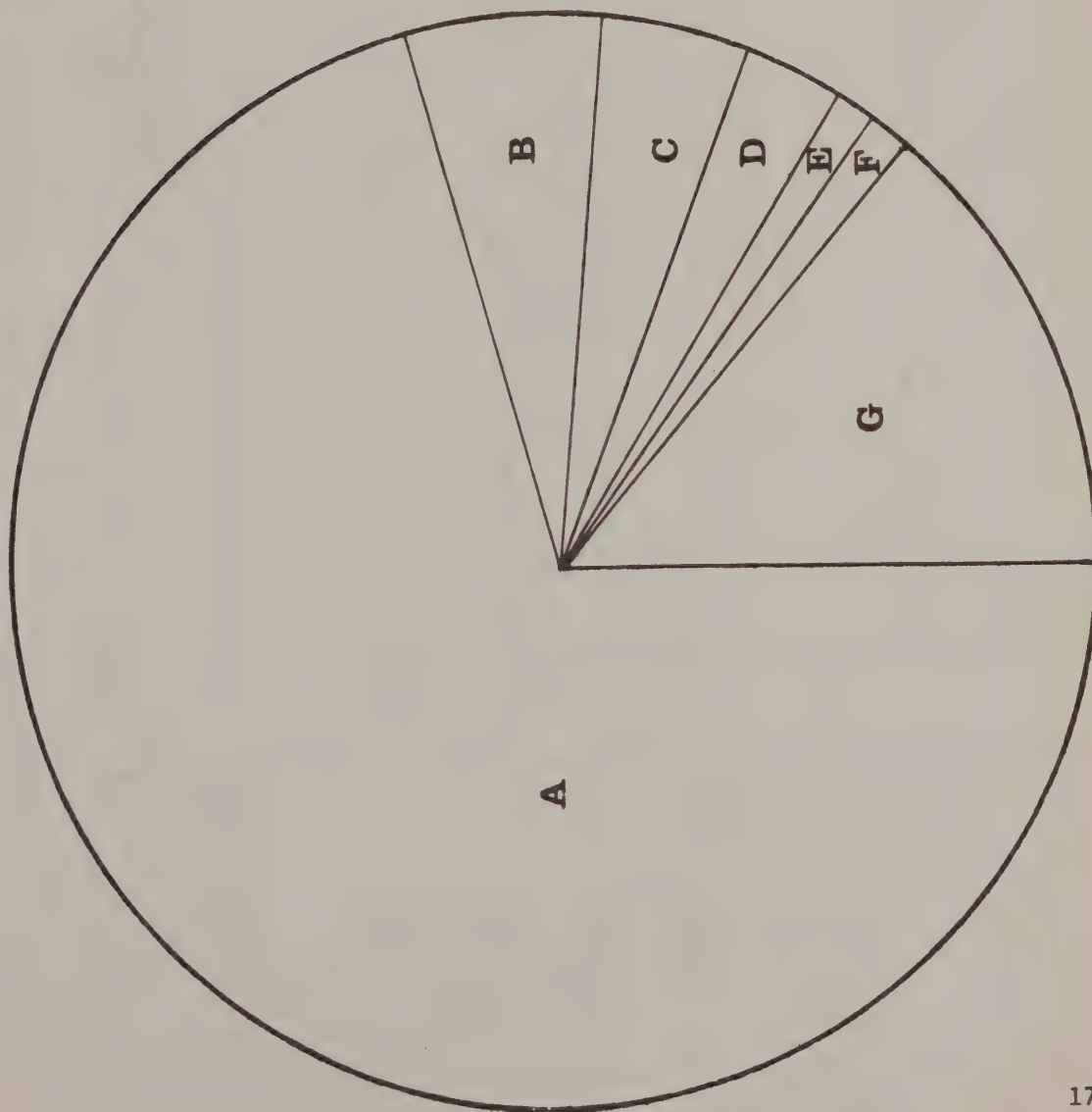
CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	8	674,729	77	8,763	
Construction	95	5,666,978	582	9,737	
Manufacturing	26	2,602,838	332	7,840	
Transportation, Communication, and Utilities	22	1,133,152	175	6,475	
Wholesale and Retail Trade	193	11,249,323	1,647	6,830	
Finance, Insurance, Real Estate	45	1,955,689	246	7,950	
Service Industries	192	9,824,812	1,552	6,330	
Total	581	33,101,521	4,610	7,182	





1971 LAND USE PATTERN IN

# ARLINGTON



LAND USE		%
A	RESIDENTIAL	70.6
B	COMMERCIAL	5.7
C	RECREATIONAL	4.4
D	PUBLIC INSTITUTIONS	3.0
E	INDUSTRIAL	1.1
F	VACANT LAND	1.3
G	OTHER:	13.9

Transportation  
 Disposal Sites, Extractive  
 Agricultural and Forest  
 Water and Wetlands



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE #010 ARLINGTON

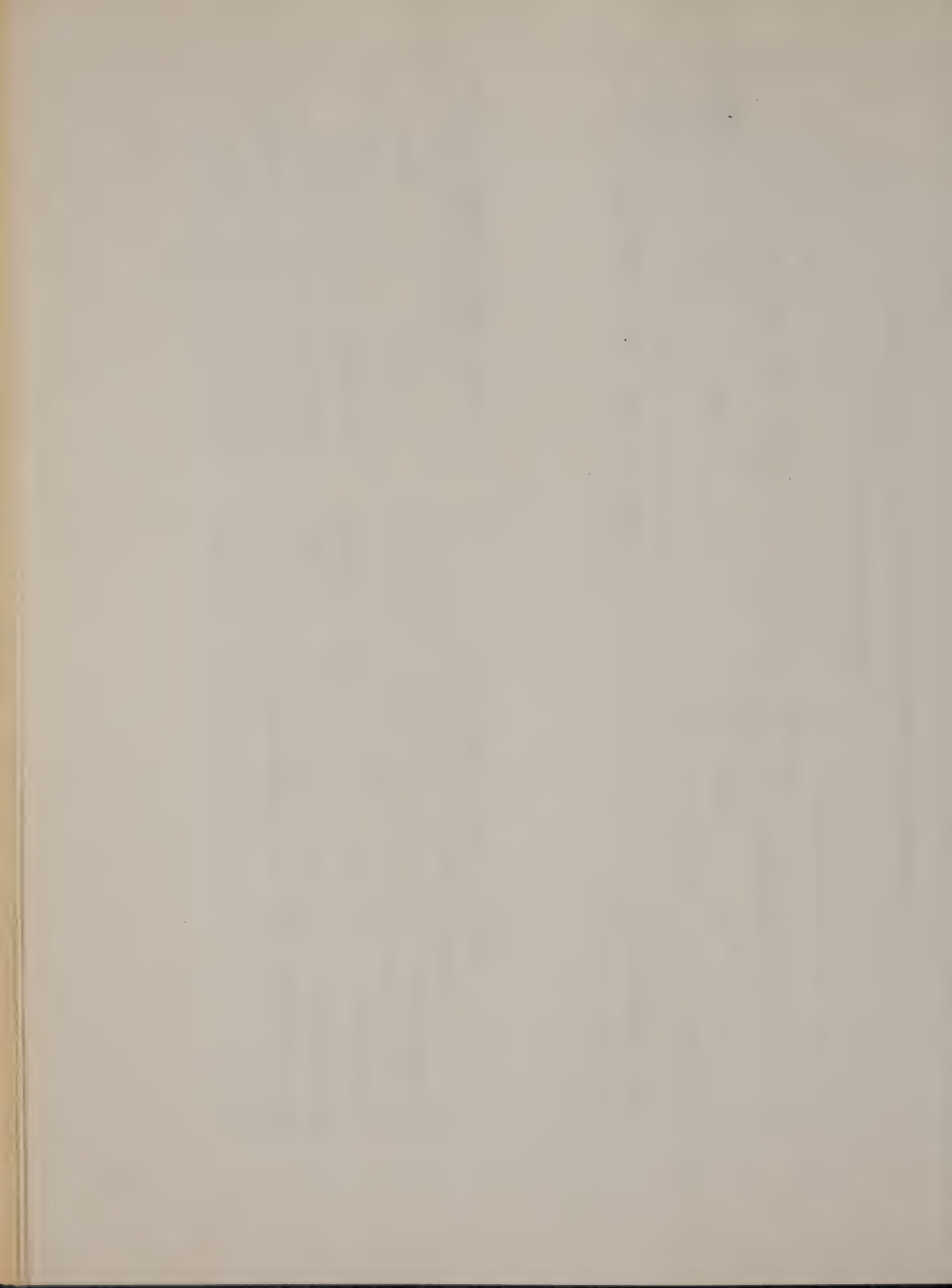
HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS													
Total Housing Units						Occupied Housing Units						Median Value Owner Occupied Unit	Median Contract Rent
Total		Vacant		Occupied		Total		Owner Occupied		Renter Occupied			
#	%	#	%	#	%	#	%	#	%	#	%	\$	\$
17,921	100.0	295	1.6	17,626	98.4	17,626	100.0	10,265	58.2	7,361	41.8	25,800	143

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household						
Occupancy Status	Total		White Head of Household		Black Head of Household	
	#	%	#	%	#	%
Owner Occupied	10,265	57.3	10,212	58.5	18	33.3
Renter Occupied	7,361	41.1	7,245	41.5	36	66.7
Vacant Year Round	294	1.6	Not Applicable			
Total	17,920	100.0	17,457	100.0	54	100.0

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971	
Year Issued	Number
1960-1964	1,727
1965-1970	1,389
1971	306
Total	3,422





## HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973										
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA Low-Moderate Income Units		
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low	Moderate	
Completed	584	308	176	100	0	0	0	0	0	0
Under Construction	0									
In Planning	120	120	0	0	0	0	0	0	0	0

1970 CENSUS: AGE OF HOUSING UNITS										
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units	
	#	%	#	%	#	%	#	%	#	%
1965-March 1970	1,352	7.5	0		1,352	7.6	14	18.7		
1960-1964	1,528	8.5	0		1,528	8.5	7	9.3		
1950-1959	2,795	15.6	0		2,795	15.6	0			
1940-1949	1,684	9.4	12	32.4	1,672	9.3	15	20.0		
1939 or earlier	10,562	58.9	25	67.6	10,537	58.9	39	52.0		
Total	17,921	100.0	37	100.0	17,884	100.0	75	100.0		





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 010 ARLINGTON

HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS						
Persons per Room	by Race of Head of Household					
	Total Occupied Units		Black Occupied Units		Other Occupied Units	
	#	%	#	%	#	%
1.00 or less	16,950	96.2	51	94.4	16,899	96.2
1.01 to 1.50	563	3.2	2	3.7	561	3.2
1.51 or more	113	0.6	1	1.9	112	0.6
Total	17,626	100.0	54	100.0	17,572	100.0

1970 CENSUS: TYPE OF HOUSING STRUCTURE			
Type	# of Structures	% of Housing Units	
1 Unit	7,963	44.4	
2 Units	6,051	33.8	
3-4 Units	835	4.7	
5-9 Units	489	2.7	
10 or more Units	2,578	14.4	
Mobile Home or Trailer	5	0.0	
Total	17,921	100.0	

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.0
Black Occupied Housing Units	4.1
Other Occupied Housing Units	3.0
Spanish-American Occupied Housing Units	2.9

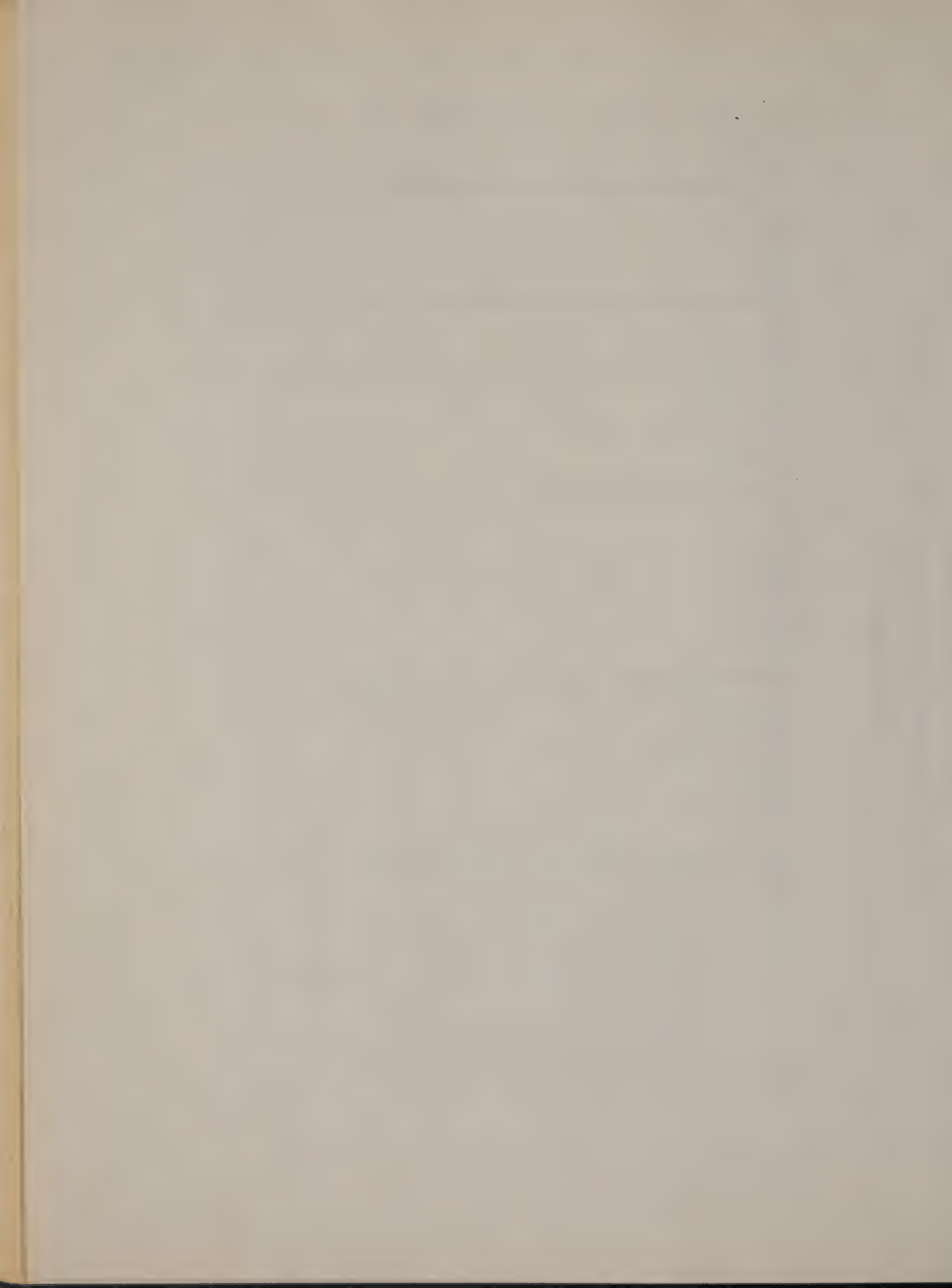


METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 010 ARLINGTON

HOUSING CHARACTERISTICS

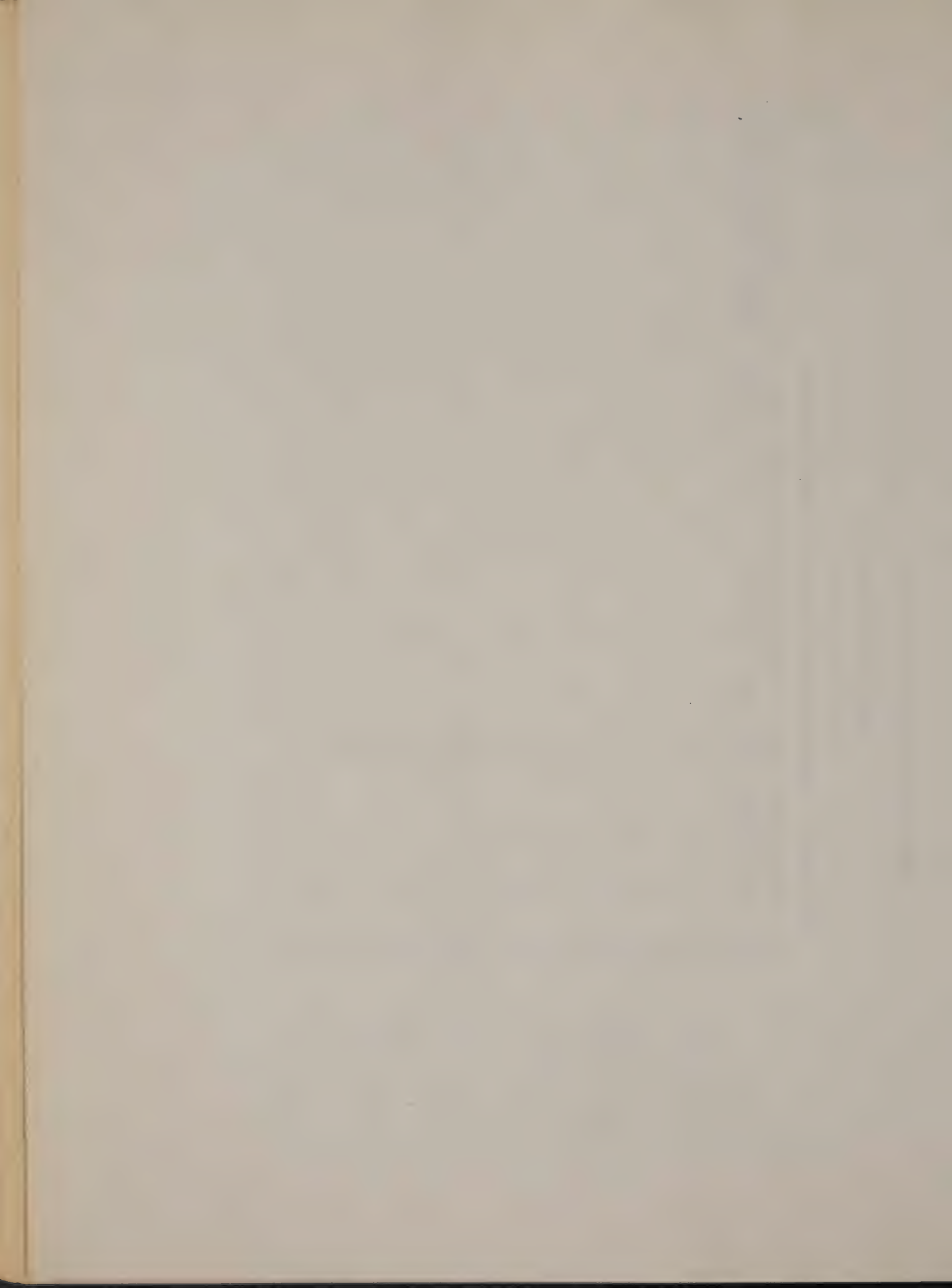
1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner Occupied Units		Black Owner Occupied Units		Other Owner Occupied Units		Spanish-American Owner Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$5,000	3	0.0							
\$5,000 - \$7,499	0								
\$7,500 - \$9,999	0								
\$10,000 - \$12,499	53	0.7							
\$12,500 - \$14,999	99	1.3							
\$15,000 - \$17,499	267	3.6							
\$17,500 - \$19,999	667	9.0							
\$20,000 - \$24,999	2,275	30.8							
\$25,000 - \$34,999	2,943	39.9							
\$35,000 - \$49,999	886	12.0							
\$50,000 and over	188	2.5							
Total	7,381	100.0	N.A.		N.A.		N.A.		





## HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter Occupied Units		Black Renter Occupied Units		Other Renter Occupied Units		Spanish-American Renter Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$30	0		0		0		0		
\$30 - \$49	11	0.1	0		11	0.2	0		
\$50 - \$69	207	2.8	0		207	2.8	0		
\$70 - \$89	125	1.7	0		125	1.7	0		
\$90 - \$119	573	7.8	0		573	7.8	0		
\$120 - \$149	1,346	18.3	0		1,346	18.4	8		11.8
\$150 - \$199	3,734	50.8	6	24.0	3,728	50.9	51		75.0
\$200 - \$249	878	11.9	13	52.0	865	11.8	0		
\$250 - \$299	196	2.7	0		196	2.7	9		13.2
\$300 or more	125	1.7	6	24.0	119	1.6	0		
No Cash Rent	158	2.1	0		158	2.2	0		
Total	7,353	100.0	25	100.0	7,328	100.0	68		100.0

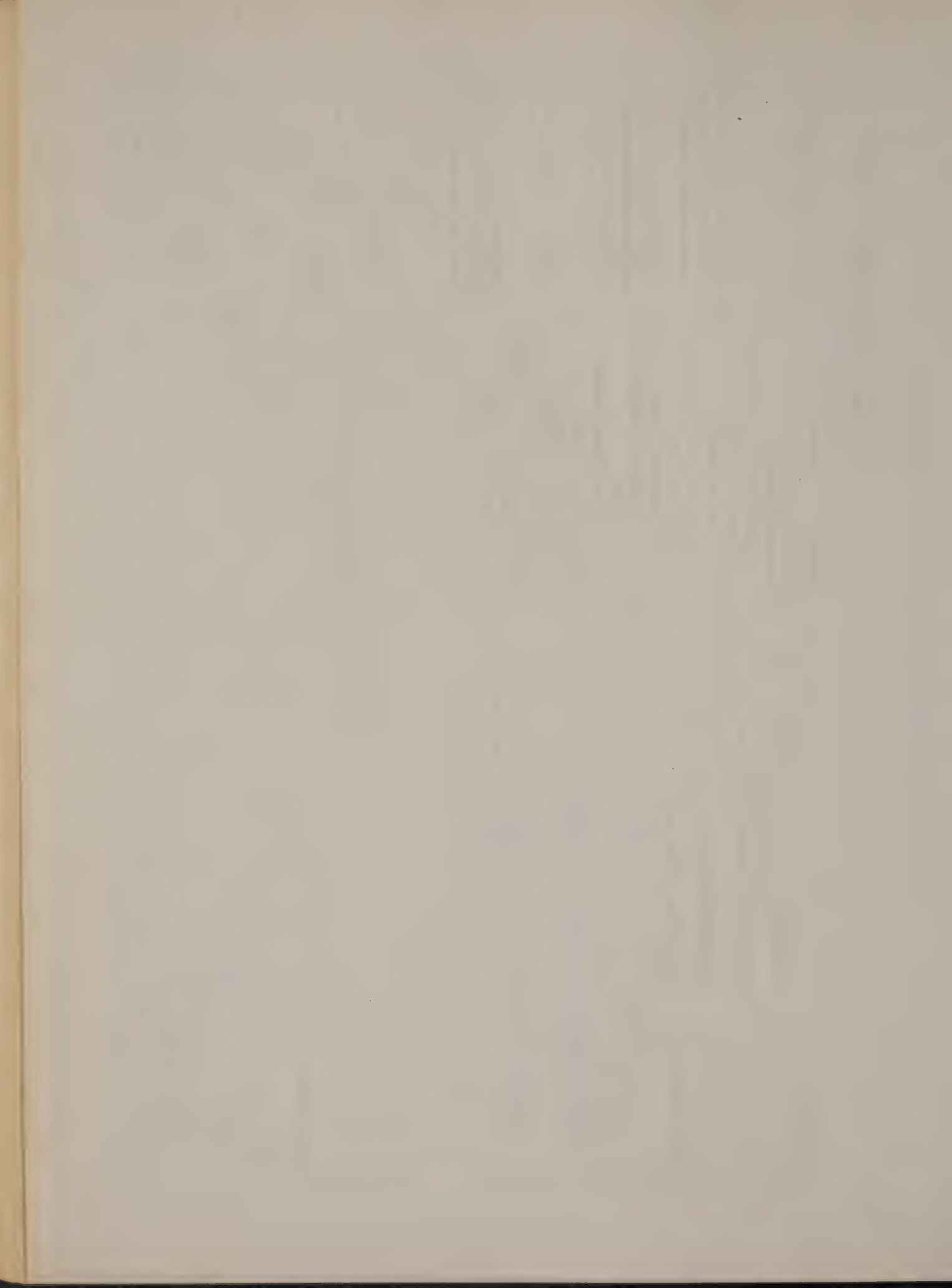




## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	School District:	Arlington
	School Name:	John A. Bishop
	No. & Street:	25 Columbia Road
	City, State, Zip:	Arlington, Mass. 02174
	Grade Organization:	K-6
	Facilities:	
	Initial Construction Date:	1949
	Dates of Additions or Changes:	1956
	# Rooms, Instructional Use:	N.A.
	# Rooms, Other Uses:	N.A.
	TOTAL	28

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School District # 010  
School # 005

## STUDENT ETHNIC CENSUS: 1973-74

	Total	White	Non-white	Black	Non-white			Spanish Surname
					Native-American	Asian-American		
Number	365	352	13	10	1	0		2
Percent	100.0	96.4	3.6	2.7	0.3			0.5

## RACIAL CENSUS: 1967-68, 1970-71, 1972-73

Years	White		Non-white	
	#	%	#	%
1967-1968	395	99.7	1	0.3
1970-1971	409	96.7	14	3.3
1972-1973	367	96.3	14	3.7

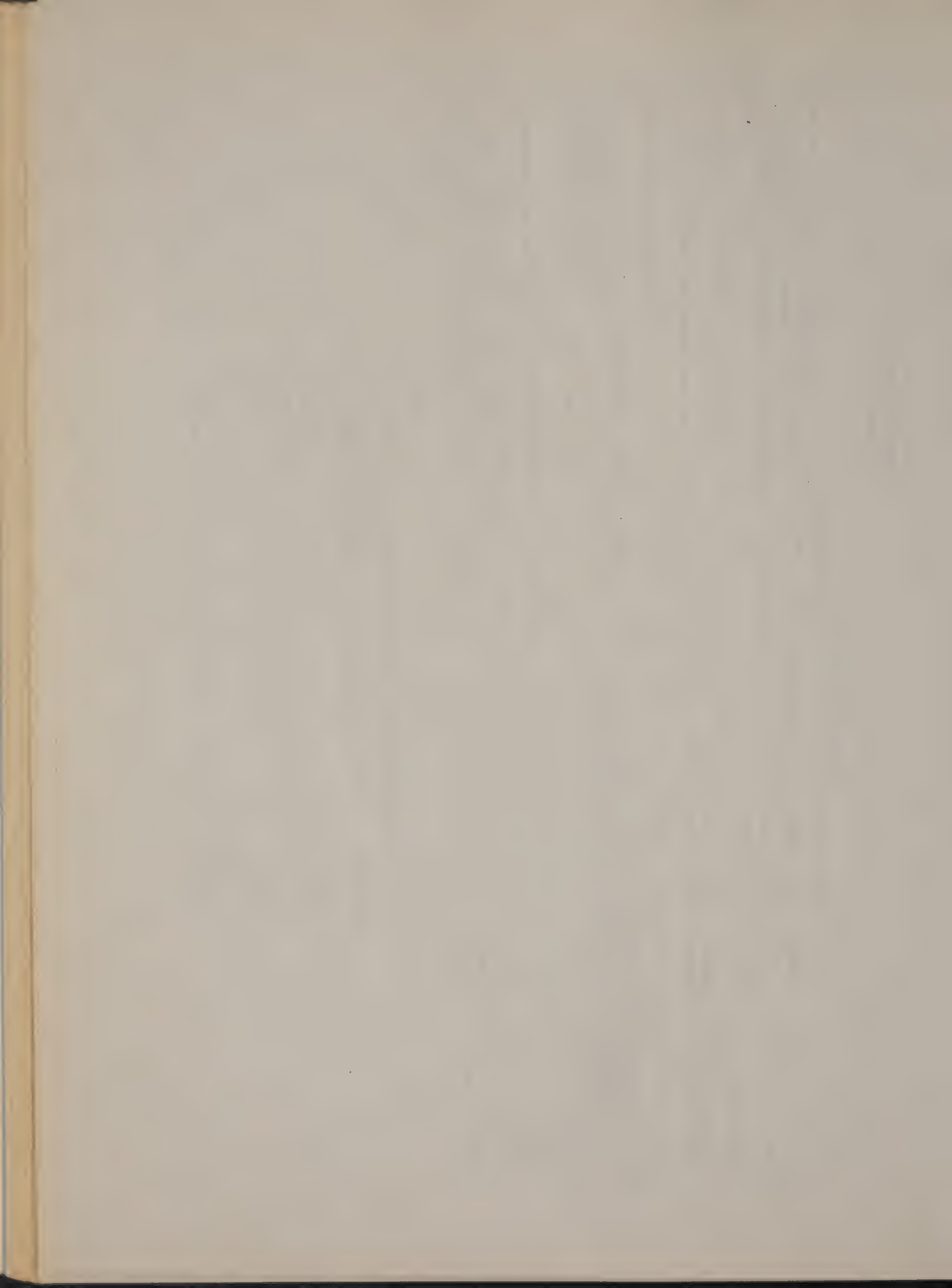
## RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

	#	%	% Change in Proportional Distribution
TOTAL	-15	-3.8	
White	-28	-7.1	-3.4
Non-white	+13	+1,300.0	+1,133.0

## ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





1973-74

School District: ArlingtonSchool Name: BrackettNo. & Street: Eastern AvenueCity, State, Zip: Arlington, Mass. 02174Grade Organization: K-6

Facilities:

Initial Construction Date: 1949

Dates of Additions or Changes: \_\_\_\_\_

# Rooms, Instructional Use: 23# Rooms, Other Uses: 15TOTAL 38School District # 010  
School # 010

1973-74

Federal Programs

Title I:

Type of Program:

# of Students: 0

% School Enrollment:

Lunch Program:

# Students, Free: 2# Students, Reduced Price: 0TOTAL 2% School Enrollment: 0.5

Bilingual Program:

# Eligible Students: 0

% School Enrollment:

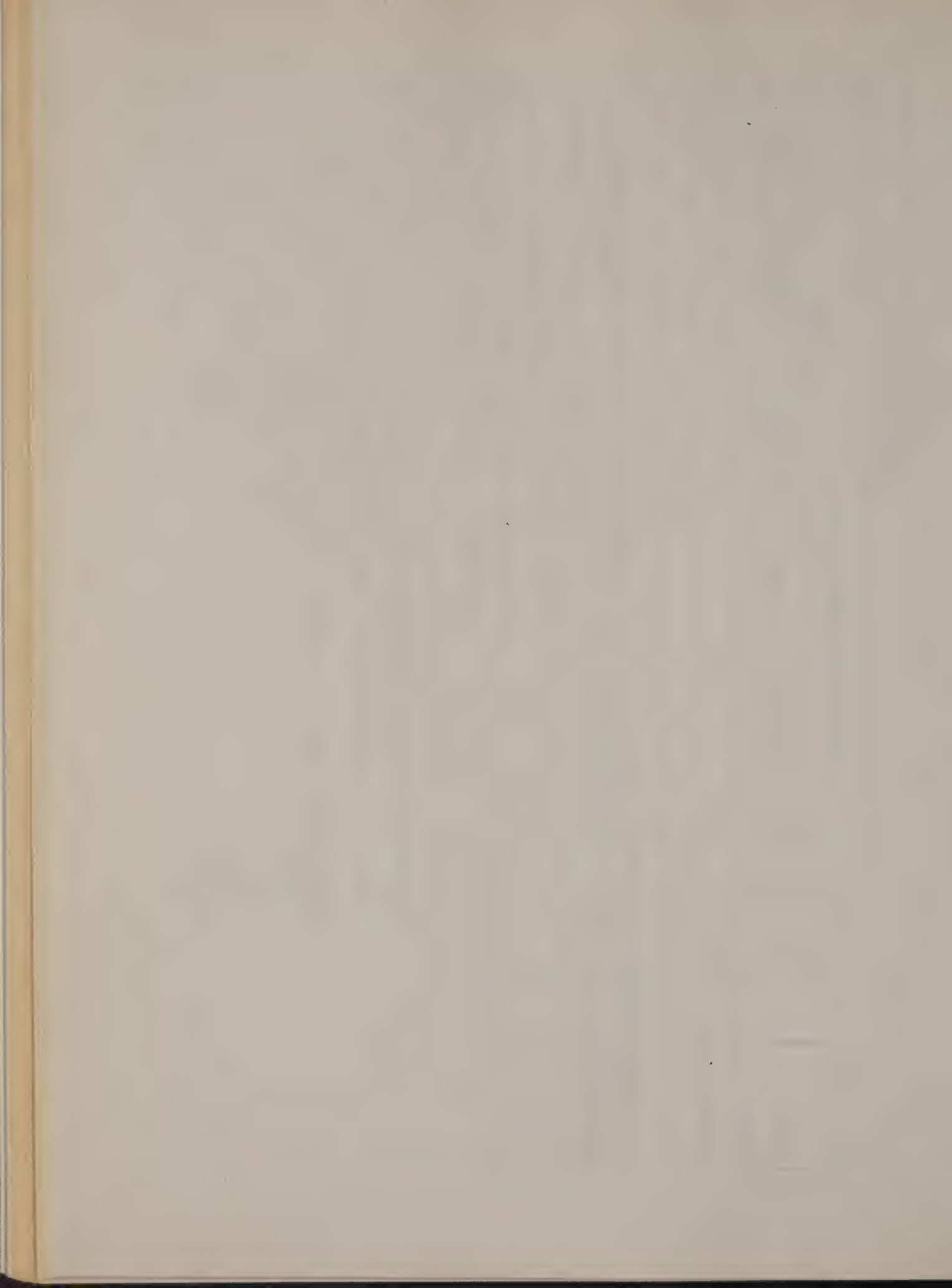
METCO Interdistrict Program:

# Students: 0

% School Enrollment:

## STAFF ETHNIC CENSUS: 1973-74

Professional Staff	Census		Age					Years in Present System			Position			
			Under 26	26-34	35-55	56 & Over		Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	20	100.0	2	7	7	4		5	8	7	1	19	0	0
White	20	100.0	2	7	7	4		5	8	7	1	19	0	0
Black	0		0	0	0	0		0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0		0	0	0	0	0	0	0
Asian-American	0		0	0	0	0		0	0	0	0	0	0	0
Native-American	0		0	0	0	0		0	0	0	0	0	0	0
Other	0		0	0	0	0		0	0	0	0	0	0	0





School District # 010
School # 015

1973-74  
School District: Arlington  
School Name: Crosby  
No. & Street: 34 Winter Street  
City, State, Zip: Arlington, Mass. 02174  
Grade Organization: K-6  
Facilities:  
Initial Construction Date: 1896  
Dates of Additions or Changes: 1910, 1954  
# Rooms, Instructional Use: 16  
# Rooms, Other Uses: 17  
TOTAL 33

1973-74		
Federal Programs		Pre-school,
Title I:		Reading & Language Arts
Type of Program:		
# of Students:	35	
% School Enrollment:	14.0	
Lunch Program:		
# Students, Free:	7	
# Students, Reduced Price:	0	
TOTAL	7	
% School Enrollment:	2.8	
Bilingual Program:		
# Eligible Students:	0	
% School Enrollment:		
METCO Interdistrict Program:		
# Students:	0	
% School Enrollment:		

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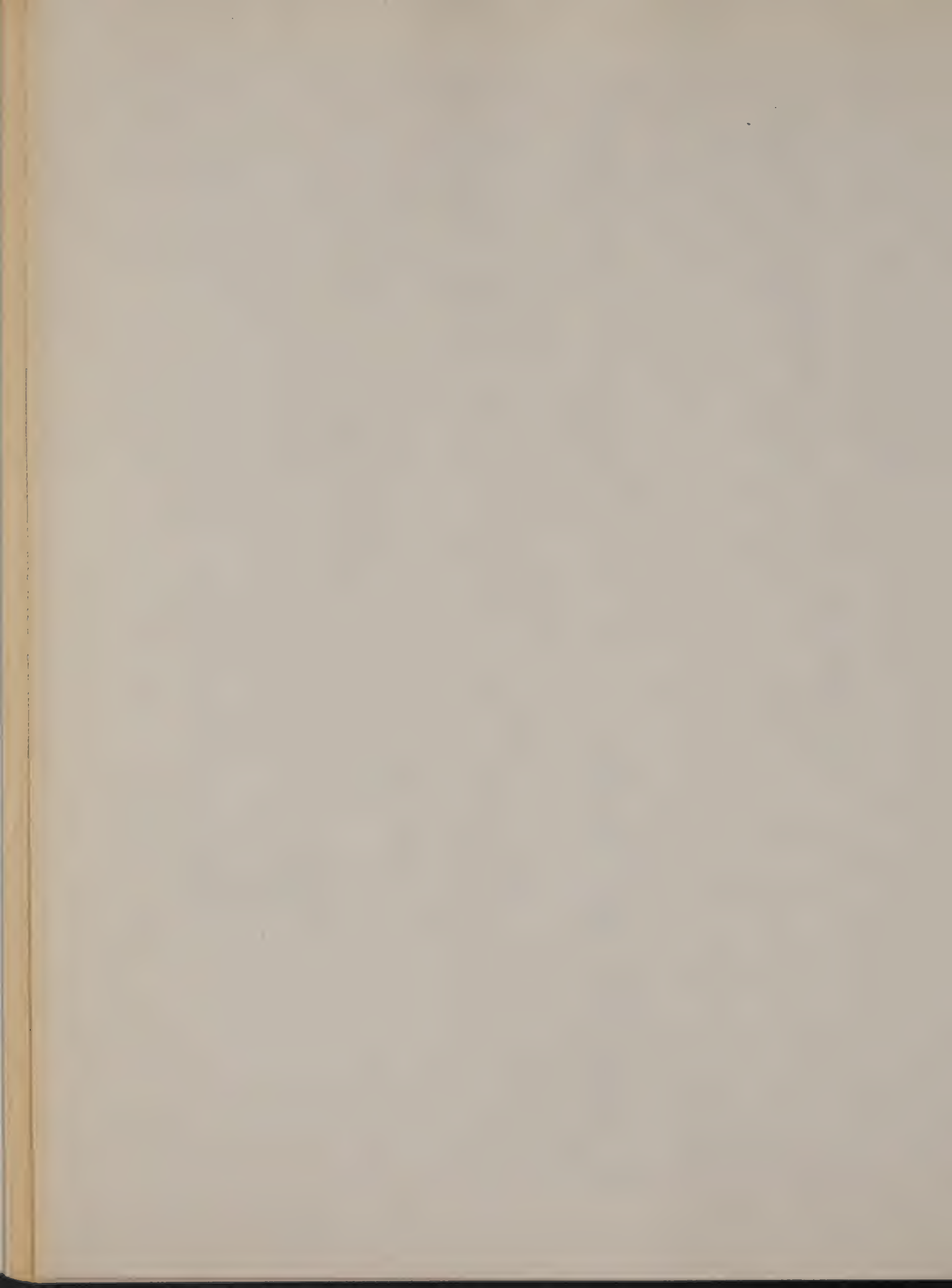
STUDENT ETHNIC CENSUS: 1973-74							School District # 010	School # 015
	Total	White	Non-white	Black	Native-American	Non-white Asian-American	Spanish Surname	
Number	250	238	12	0	0	0	12	
Percent	100.0	95.2	4.8				4.8	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White #	White %	Non-white #	Non-white %
1967-1968	352	348	98.9	4	1.1
1970-1971	291	288	99.0	3	1.0
1972-1973	272	272	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-80	-22.7	
White	-76	-21.8	+ 1.1
Non-white	-4	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



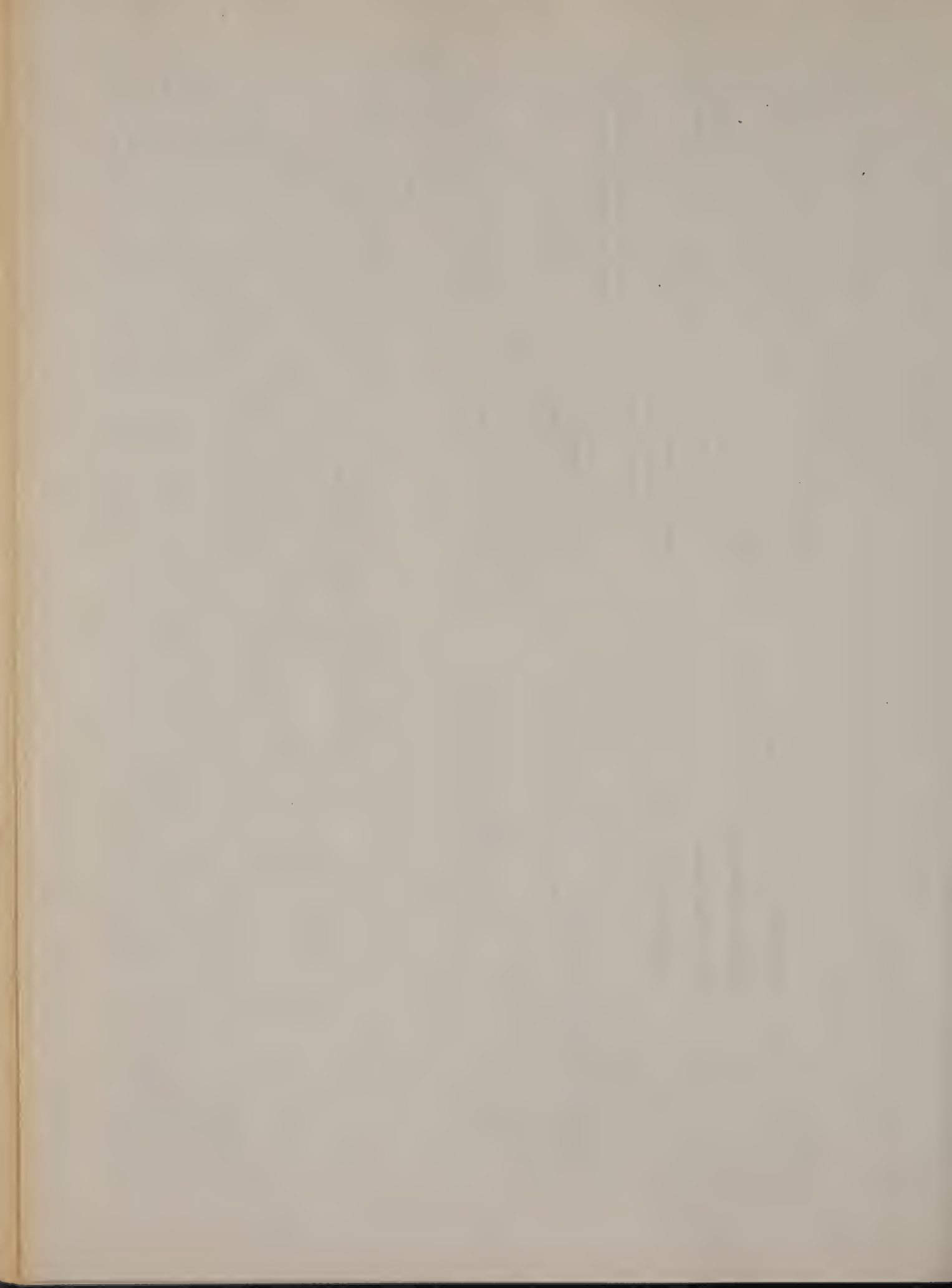


School District # 010  
School # 020

1973-74  
School District: Arlington  
School Name: Cutter Elementary  
No. & Street: 14 Robbins Road  
City, State, Zip: Arlington, Mass. 02174  
Grade Organization: K-6  
Facilities:  
Initial Construction Date: 1900  
Dates of Additions or Changes: 1924  
# Rooms, Instructional Use: 23  
# Rooms, Other Uses: 6  
TOTAL 29

School District # 010	
School # 020	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	9
# Students, Reduced Price:	0
TOTAL	9
% School Enrollment:	2.8
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

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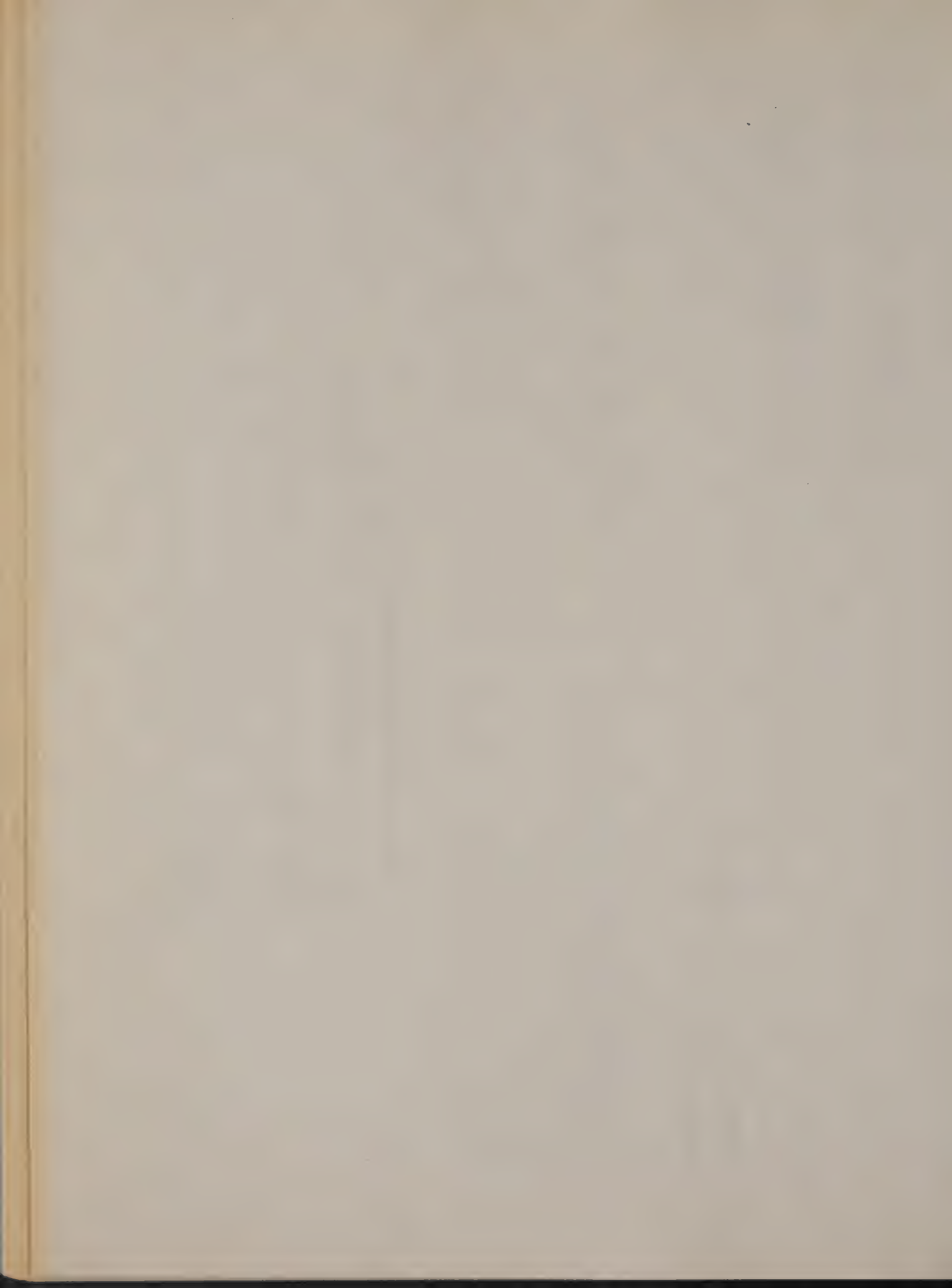
School District # 010  
School # 020

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white		
			Black	Native-American	Asian-American
Number	324	312	12	0	7
Percent	100.0	96.3	3.7	1.5	2.2
					Spanish Surname
					0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	373	366	98.1	7	1.9
1970-1971	421	412	97.9	9	2.1
1972-1973	334	332	99.4	2	0.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-39	-10.5	
White	-34	-9.3	+1.3
Non-white	-5	-71.4	-68.4

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	010
School #	025
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	7
# Students, Reduced Price:	0
TOTAL	7
% School Enrollment:	1.4
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74	School District:	Arlington
	School Name:	Cyrus E. Dallin
	No. & Street:	185 Florence Avenue
	City, State, Zip:	Arlington, Mass. 02174
	Grade Organization:	K-6
	Facilities:	
	Initial Construction Date:	1956
	Dates of Additions or Changes:	1968
	# Rooms, Instructional Use:	30
	# Rooms, Other Uses:	30
	TOTAL	60

[illegible]





School District # 010
School # 025

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	515	515	0	0	0	0	0
Percent	100.0	100.0					

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	393	393	100.0	0	
1970-1971	571	568	99.5	3	0.5
1972-1973	537	533	99.3	4	0.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+144	+36.6	
White	+140	+35.6	-0.7
Non-white	+4	Undefined	Undefined

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
Federal Programs	
Title I:	
Type of Program:	pre-school,
# of Students:	reading, language arts
% School Enrollment:	30
Lunch Program:	5.4
# Students, Free:	13
# Students, Reduced Price:	0
TOTAL	13
% School Enrollment:	2.4
Bilingual Program:	0
# Eligible Students:	
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	8
% School Enrollment:	1.5

1973-74

School District:	Arlington
School Name:	Hardy
No. & Street:	52 Lake Street
City, State, Zip:	Arlington, Mass. 02174
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1925
Dates of Additions or Changes:	1949
# Rooms, Instructional Use:	37
# Rooms, Other Uses:	17
TOTAL	54

[illegible]



STUDENT ETHNIC CENSUS: 1973-74							School District # 010
							School # 030
Total		White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	551	539	12	9	0	2	1
Percent	100.0	97.8	2.2	1.6		0.4	0.2

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	560	555	99.1	5	0.9
1970-1971	541	528	97.6	13	2.4
1972-1973	542	534	98.5	8	1.5

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
TOTAL	#	%	% Change in Proportional Distribution
	-18	-3.2	
White	-21	-3.8	-0.6
Non-white	+3	+60.0	+66.7

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



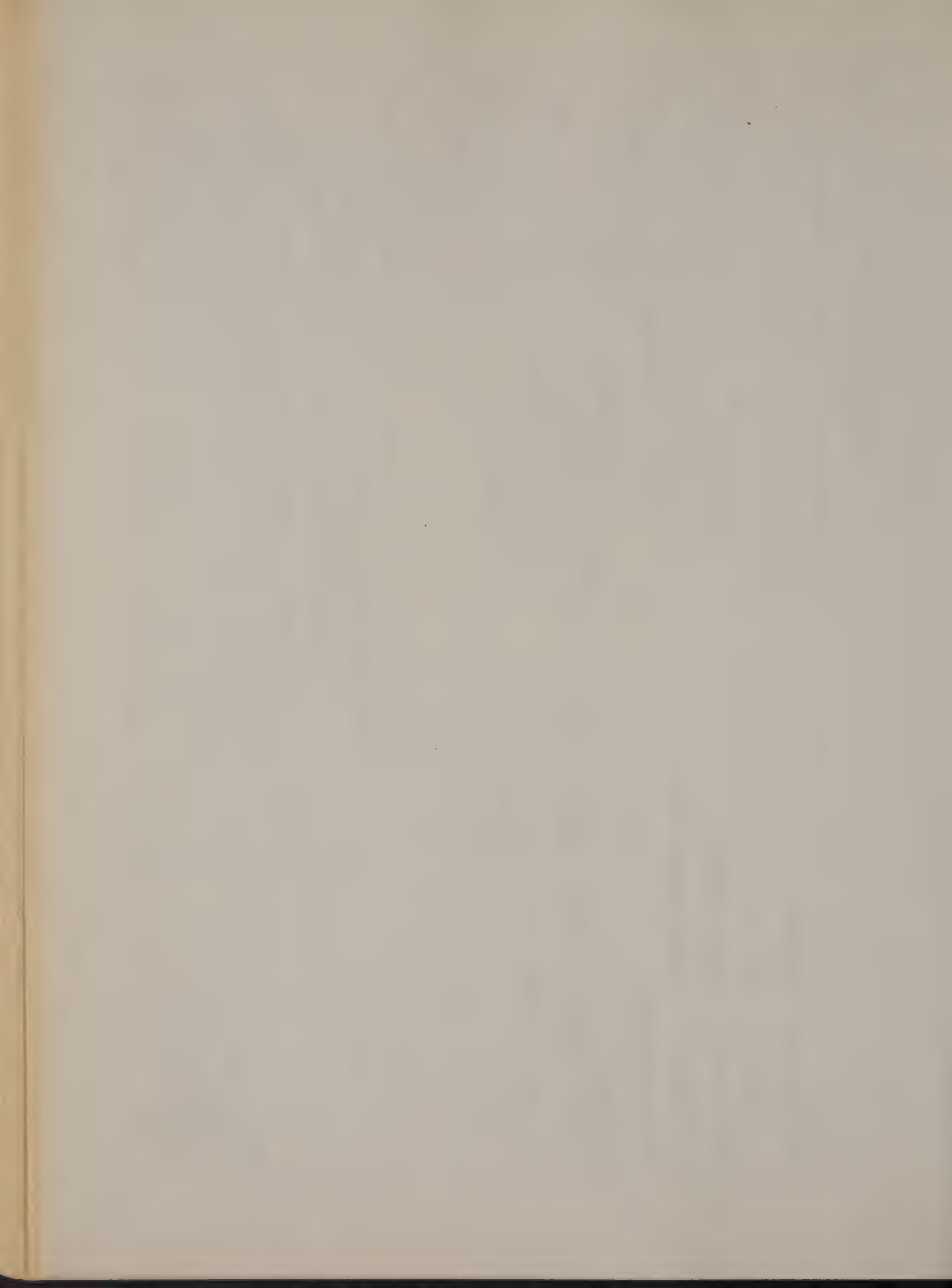


## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 010	
School # 035	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	1
# Students, Reduced Price:	0
TOTAL	1
% School Enrollment:	0.3
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74	
School District:	Arlington
School Name:	Locke
No. & Street:	80 Park Avenue
City, State, Zip:	Arlington, Mass. 02174
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1895
Dates of Additions or Changes:	1902
# Rooms, Instructional Use:	18
# Rooms, Other Uses:	8
TOTAL	26

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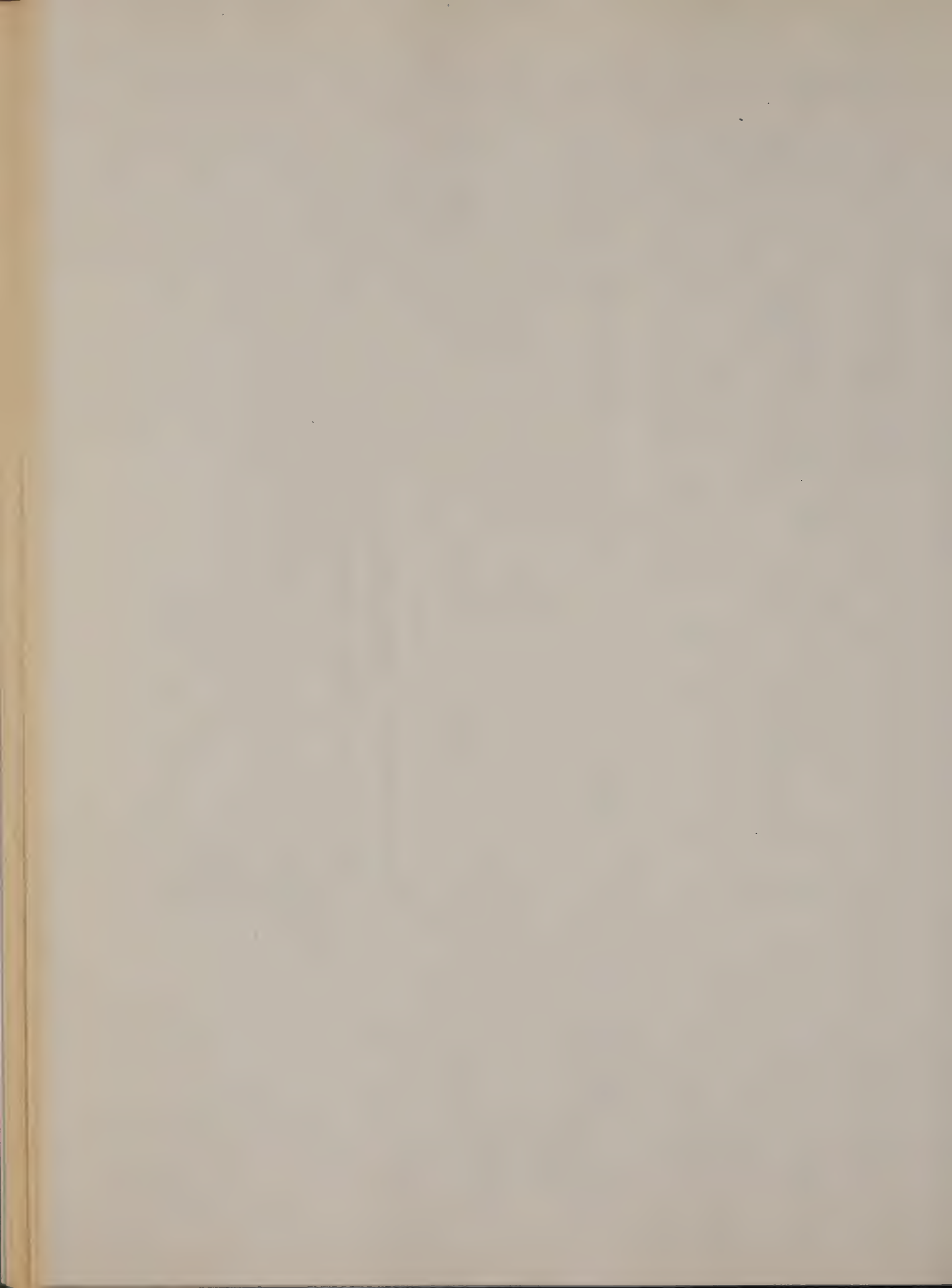
School District # 010  
School # 035

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	291	289	2	1	0	1	0
Percent	100.0	99.3	0.7	0.3		0.3	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	483	482	99.8	1	0.2
1970-1971	364	364	100.0	0	
1972-1973	332	330	99.4	2	0.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-151	-31.3	
White	-152	-31.5	-0.4
Non-white	+ 1	+ 100.0	+ 200.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	010
School #	040
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	1
# Students, Reduced Price:	0
TOTAL	1
% School Enrollment:	0.3
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74

School District:	Arlington
School Name:	Parmenter
No. & Street:	17 Irving Street
City, State, Zip:	Arlington, Mass. 02174
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1895
Dates of Additions or Changes:	N.A.
# Rooms, Instructional Use:	23
# Rooms, Other Uses:	16
TOTAL	39

[illegible]





STUDENT ETHNIC CENSUS: 1973-74							School District # 010	School # 040
Total		White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	387	378	9	6	0	3	0	
Percent	100.0	97.7	2.3	1.6		0.8		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	343	328	95.6	15	4.4
1970-1971	379	371	97.9	8	2.1
1972-1973	390	382	97.9	8	2.1

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	+ 47	+ 13.7		
White	+ 54	+ 16.5	+ 2.4	
Non-white	-7	-46.7	-52.3	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	010
School #	045
1973-74	
Federal Programs	
Title I:	
Type of Program:	pre-school,
# of Students:	reading, language arts
% School Enrollment:	50
Lunch Program:	10.4
# Students, Free:	10
# Students, Reduced Price:	0
TOTAL	10
% School Enrollment:	2.1
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74

School District:	Arlington
School Name:	Peirce
No. & Street:	Park Avenue Extension
City, State, Zip:	Arlington, Mass. 02174
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1895
Dates of Additions or Changes:	Not Available
# Rooms, Instructional Use:	25
# Rooms, Other Uses:	12
TOTAL	37

## STAFF ETHNIC CENSUS: 1973-74

[illegible]





STUDENT ETHNIC CENSUS: 1973-74							School District # 010	School # 045
Total		White	Non-white	Non-white				
				Black	Native-American	Asian-American	Spanish Surname	
Number	481	476	5	2	0	1	2	
Percent	100.0	99.0	1.0	0.4		0.2	0.4	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	494	491	99.4	3	0.6
1970-1971	555	549	98.9	6	1.1
1972-1973	504	496	98.4	8	1.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
TOTAL	#	%	% Change in Proportional Distribution
	+ 10	+ 2.0	
White	+ 5	+ 1.0	-1.0
Non-white	+ 5	+ 166.7	+ 166.7

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	010
School #	050
1973-74	
Federal Programs	
Title I:	
Type of Program:	pre-school,
# of Students:	reading, language arts
% School Enrollment:	65
	13.4
Lunch Program:	
# Students, Free:	33
# Students, Reduced Price:	0
TOTAL	33
% School Enrollment:	6.8
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74	School District:	Arlington
	School Name:	Thompson
	No. & Street:	60 North Union Street
	City, State, Zip:	Arlington, Mass. 02174
	Grade Organization:	K-6
	Facilities:	
	Initial Construction Date:	1956
	Dates of Additions or Changes:	
	# Rooms, Instructional Use:	28
	# Rooms, Other Uses:	37
	TOTAL	65

[illegible]



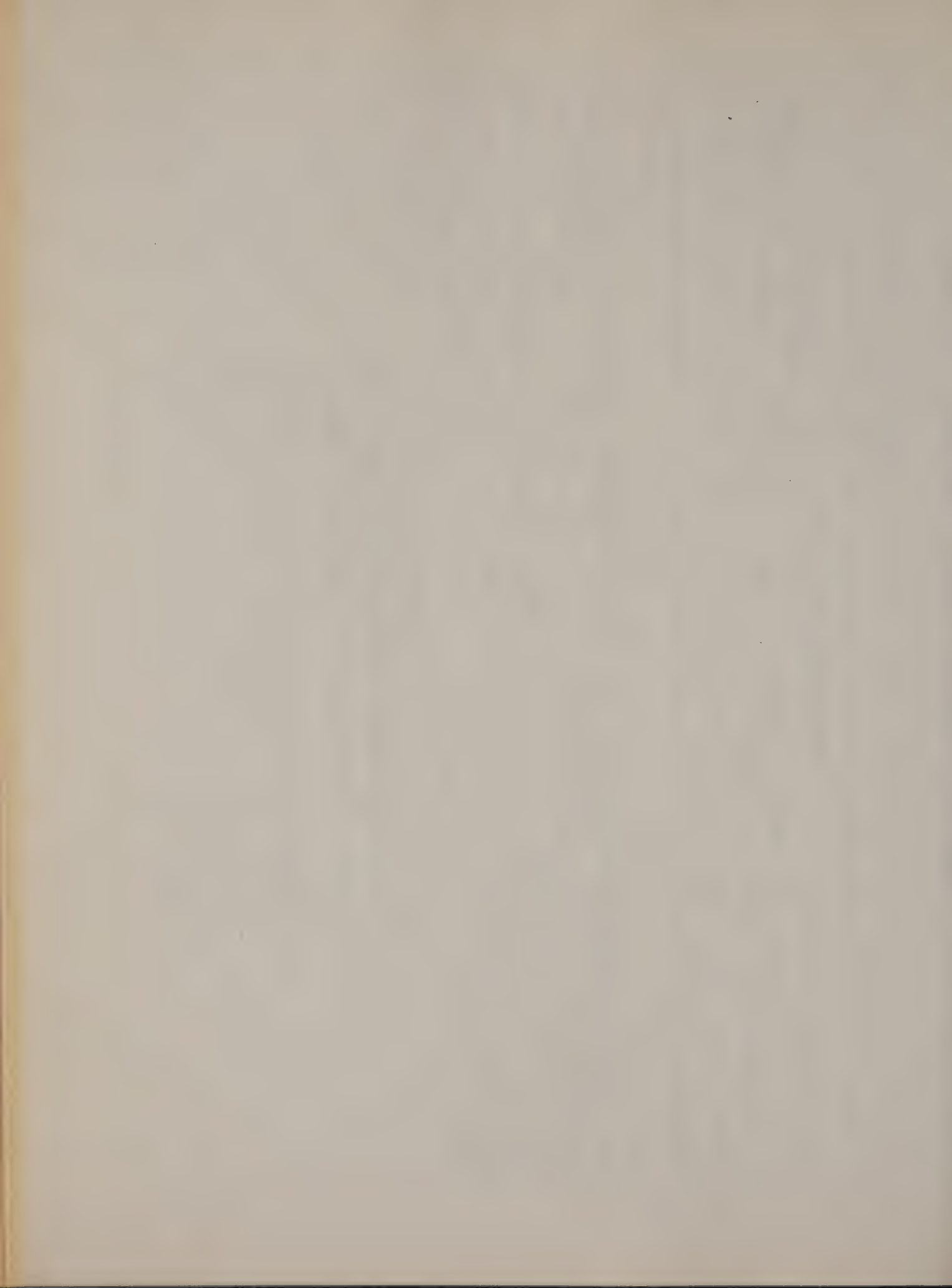


STUDENT ETHNIC CENSUS: 1973-74							School District # 010	School # 050
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	484	481	3	3	0	0	0	
Percent	100.0	99.4	0.6	0.6				

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	568	562	98.9	6	1.1
1970-1971	549	544	99.1	5	0.9
1972-1973	530	524	98.9	6	1.1

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-38	-6.7	
White	-38	-6.8	0.0
Non-white	0	0.0	0.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	010
School #	055
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	4
# Students, Reduced Price:	0
TOTAL	4
% School Enrollment:	0.6
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74

School District:	Arlington
School Name:	M. Norcross Stratton
No. & Street:	180 Mountain Avenue
City, State, Zip:	Arlington, Mass. 02174
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1962
Dates of Additions or Changes:	1965
# Rooms, Instructional Use:	34
# Rooms, Other Uses:	19
TOTAL	53

[illegible]





STUDENT ETHNIC CENSUS: 1973-74							School District # 010	School # 055
	Total	White	Non-white	Black	Native-American	Non-white Asian-American	Spanish Surname	
Number	642	631	11	8	0	3	0	
Percent	100.0	98.3	1.7	1.2		0.5		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	693	692	99.9	1	0.1
1970-1971	756	735	97.2	21	2.8
1972-1973	695	683	98.3	12	1.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+2	+0.3	
White	-9	-1.3	-1.6
Non-white	+11	+1,100.0	+1,600.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District # 010  
School # 405

1973-74	School District:	Arlington
	School Name:	Jr. High School East
	No. & Street:	30 Tufts Street
	City, State, Zip:	Arlington, Mass. 02174
	Grade Organization:	7-8
	Facilities:	
	Initial Construction Date:	1928
	Dates of Additions or Changes:	1973
	# Rooms, Instructional Use:	26
	# Rooms, Other Uses:	18
	TOTAL	44

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	29
# Students, Reduced Price:	0
TOTAL	29
% School Enrollment:	6.6
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





STUDENT ETHNIC CENSUS: 1973-74							School District # 010 School # 405	
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	437	434	3	0	0	3	0	
Percent	100.0	99.3	0.7			0.7		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	498	495	99.4	3	0.6
1970-1971	608	598	98.4	10	1.6
1972-1973	482	476	98.8	6	1.2

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-16	-3.2	
White	-19	-3.8	-0.6
Non-white	+3	+100.0	+100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	010
School #	410
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	12
# Students, Reduced Price:	0
TOTAL	12
% School Enrollment:	1.5
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74  
School District: Arlington  
School Name: Ottoson Jr. High  
No. & Street: 63 Acton Street  
City, State, Zip: Arlington, Mass. 02174  
Grade Organization: 7-8  
Facilities:  
Initial Construction Date: 1928  
Dates of Additions or Changes: 1929, 1950, 1973  
# Rooms, Instructional Use: 36  
# Rooms, Other Uses: 19  
TOTAL 55

## STAFF ETHNIC CENSUS: 1973-74

[illegible]





School District # 010  
School # 410

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	782	772	10	4	0	3	3
Percent	100.0	98.7	1.3	0.5		0.4	0.4

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	846	837	98.9	9	1.1
1970-1971	819	811	99.0	8	1.0
1972-1973	715	711	99.4	4	0.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-131	-15.5	
White	-126	-15.1	+0.5
Non-white	-5	-55.6	-45.5

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74 Federal Programs		School District # 010
Title I:		School # 415
Type of Program:		
# of Students:		0
% School Enrollment:		
Lunch Program:		
# Students, Free:		5
# Students, Reduced Price:		0
TOTAL		5
% School Enrollment:		33.3
Bilingual Program:		
# Eligible Students:		0
% School Enrollment:		
METCO Interdistrict Program:		
# Students:		0
% School Enrollment:		

1973-74

School District:	Arlington
School Name:	Central Satellite
No. & Street:	14 Academy Street
City, State, Zip:	Arlington, Mass. 02114
Grade Organization:	SP
Facilities:	
Initial Construction Date:	1928
Dates of Additions or Changes:	
# Rooms, Instructional Use:	5
# Rooms, Other Uses:	1
TOTAL	6

[illegible]





STUDENT ETHNIC CENSUS: 1973-74							School District # 010 School # 415	
	Total	White	Non-white	Black	Non-white			
					Native-American	Asian-American	Spanish Surname	
Number	15	15	0	0	0	0	0	
Percent	100.0	100.0						

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	55	55	100.0	0	
1970-1971	37	37	100.0	0	
1972-1973	30	30	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-25	-45.5	
White	-25	-45.5	0.0
Non-white	0	0.0	0.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74 Federal Programs		School District # 010 School # 420
Title I:		
Type of Program:		
# of Students:	0	
% School Enrollment:		
Lunch Program:		
# Students, Free:		
# Students, Reduced Price:		
TOTAL	0	
% School Enrollment:		
Bilingual Program:		
# Eligible Students:	0	
% School Enrollment:		
METCO Interdistrict Program:		
# Students:	0	
% School Enrollment:		

1973-74  
School District: Arlington  
School Name: Central Satellite  
No. & Street: 14 Academy St.  
City, State, Zip: Arlington, Mass. 02174  
Grade Organization: 7-8  
Facilities:  
Initial Construction Date: 1928  
Dates of Additions or Changes: \_\_\_\_\_  
# Rooms, Instructional Use: 16  
# Rooms, Other Uses: 7  
TOTAL 23

[illegible]





STUDENT ETHNIC CENSUS: 1973-74							School District # 010 School # 420	
	Total	White	Non-white	Black	Native-American	Non-white Asian-American	Spanish Surname	
Number	102	96	6	5	0	0	1	
Percent	100.0	94.1	5.9	4.9			1.0	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White #	White %	Non-white #	Non-white %
1967-1968	N.A.				
1970-1971	N.A.				
1972-1973	90	88	97.8	2	2.2

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	N.A.		
White	N.A.		
Non-white	N.A.		

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	010
School #	430
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	
# Students, Reduced Price:	
TOTAL	0
% School Enrollment:	
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74

School District: Arlington

School Name: Spy Pond East Satellite

No. & Street: 60 Pond Lane

City, State, Zip: Arlington, Mass. 02174

Grade Organization: 7-8

Facilities:

Initial Construction Date: 1928

Dates of Additions or Changes: \_\_\_\_\_

# Rooms, Instructional Use: 5

# Rooms, Other Uses: 2

TOTAL 7

[illegible]





School District # 010  
School # 430

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	95	91	4	3	0	1	0
Percent	100.0	95.8	4.2	3.2		1.1	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	N.A.				
1970-1971	N.A.				
1972-1973	66	66	100.0	0	0.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	N.A.		
White	N.A.		
Non-white	N.A.		

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



STUDENT ETHNIC CENSUS: 1973-74							School District # 010 School # 430	
Total		White	Non-white	Non-white				
				Black	Native-American	Asian-American	Spanish Surname	
Number	95	91	4	3	0	1	0	
Percent	100.0	95.8	4.2	3.2		1.1		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	N.A.				
1970-1971	N.A.				
1972-1973	66	66	100.0	0	0.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
TOTAL	#	%	% Change in Proportional Distribution
	N.A.		
White	N.A.		
Non-white	N.A.		

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





School District # 010  
School #505

## STUDENT ETHNIC CENSUS: 1973-74

	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	2,785	2,719	66	24	0	16	26
Percent	100.0	97.6	2.4	0.9		0.6	0.9

RACIAL CENSUS: 1967-68, 1970-71, 1972-73						
Years	Total Enrollment	White		Non-white		
		#	%	#	%	
1967-1968	2,533	2,520	99.5	13	0.5	
1970-1971	2,748	2,704	98.4	44	1.6	
1972-1973	2,803	2,759	98.4	44	1.6	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+ 270	+ 10.7	
White	+ 239	+ 9.5	-1.1
Non-white	+31	+238.5	+ 220.0

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	77	14.8	106	16.6	
4-yr. Other College	112	21.5	150	23.4	
2-yr. State College	16	3.1	108	16.9	
2-yr. Other College	70	13.4	36	5.6	
Nurses Training	8	1.5	27	4.2	
Other Post Secondary	79	15.2	72	11.2	
Military	17	3.3	14	2.2	
Work	133	25.5	112	17.5	
Other	0	0.0	0	0.0	
TOTAL	521	100.0	640	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74			
Language	Number of Students	Bilingual Enrollment	Percent of Bilingual Enrollment
TOTAL	0		
Chinese			
French			
Greek			
Italian			
Portuguese			
Spanish			
Other			

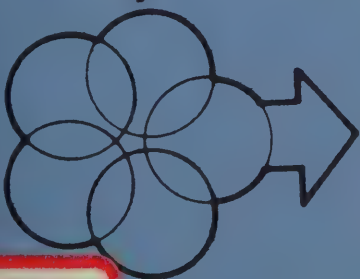


# METRO WAYS TO UNDERSTANDING

A PLAN FOR THE VOLUNTARY ELIMINATION OF  
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS  
OF THE BOSTON METROPOLITAN AREA

## VOLUME III COMMUNITY PROFILES

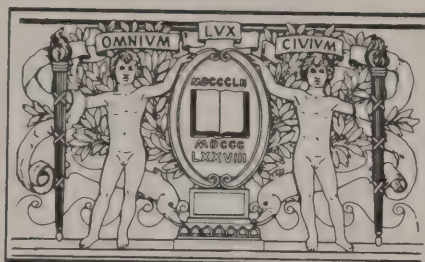
TOWN OF  
ASHLAND



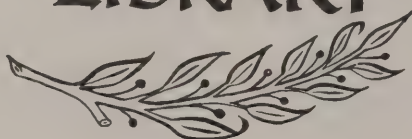
THE METROPOLITAN PLANNING PROJECT

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METRO WAYS TO UNDERSTANDING:

A Plan for the Voluntary Elimination of  
Racial and Ethnic Isolation in the Schools of  
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 014  
Town of Ashland

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1973-74

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## ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socio-economic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.

During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

**METROPATHWAYS** - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

**METROPAIRWAYS** - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

**METROETHNIC HERITAGE RESOURCE CENTERS** - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

**METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMENT** - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

#### ACKNOWLEDGEMENT

I wish to thank Dr. Forbes Bottomly for his encouragement and support of this research approach; Edward Feinman and Leslie S. May who, together with the Support Research Staff and myself, developed the analyses in Volume II RESOURCES FOR IMPLEMENTATION and Volume III COMMUNITY PROFILES. Our grateful appreciation to Mrs. Helen Taggart who formatted and typed the research materials.

Marcia Marker Feld,  
Executive Director



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Dr Forbes Bottomly

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## INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn

There are also Profiles for each of the following regional school districts:

Dover-Sherborn  
Experimental School System of the Commonwealth of Massachusetts  
Hamilton-Wenham  
Lincoln-Sudbury  
North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.

## NOTES AND SOURCES FOR THE COMMUNITY PROFILES

### EDUCATIONAL CHARACTERISTICS

#### PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT

By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

#### PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

#### PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:



The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74;  
Institute for Educational Services, Inc., "Survey on Collaboration", 1971;  
Metropolitan Planning Project Support Research Component Telephone Survey, 1974;  
Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidescope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR  
Level and Type of School by Race  
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidescope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts

State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three schools years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:  
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".



PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

Concord (Concord-Carlisle Regional High School)  
Dover (Dover-Sherborn Regional High School)  
Hamilton (Hamilton-Wenham Regional High School)  
Lincoln (Lincoln-Sudbury Regional High School)  
Middleton (Masconomet Regional High School)  
Nahant (all Nahant high school students attend high schools in Lynn)  
Norfolk (King Philip Regional High School)  
Sherborn (Dover-Sherborn Regional High School)  
Sudbury (Lincoln-Sudbury Regional High School)  
Topsfield (Masconomet Regional High School)  
Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the  $R^2$  (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast --  $R^2$ 's of .8 or .9 are very reliable,  $R^2$ 's of .5, .6, or .7 are good, and  $R^2$ 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary



Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group, Fall, 1974. Since this information was collected from selected school districts, data was only available for 68 of the 83 Boston metropolitan area districts. MPP support research staff contacted the remaining districts to complete the survey. The following school districts provided this information:

Cohasset  
Dover  
Dover-Sherborn Regional High School  
Experimental School System of the Commonwealth of Massachusetts  
Hamilton-Wenham Regional High School  
Holbrook  
Manchester  
Nahant  
Topsfield  
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland  
Beverly  
Braintree  
Cohasset  
Experimental School System of the Commonwealth of Massachusetts  
Framingham  
Hamilton-Wenham Regional High School  
Manchester  
Medfield  
Medford  
Middleton  
Millis  
Nahant  
Norfolk  
Pembroke  
Saugus  
Sherborn  
Sudbury  
Topsfield  
Walpole

The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

#### PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

#### PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized

tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

#### PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

#### PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

#### PAGE 5 - PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.



PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Education Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference



between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to  $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$ . If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal  $(75-50)/50 = 25/50 = +50\%$ . If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000  $(\$100,000 - \$50,000)$ . The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to  $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$ . If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal  $(75-50)/50 = 25/50 = +50\%$ . If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph



is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:  
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

#### PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

#### PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.

PAGE 10 - 1970 CENSUS:  
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 - 1970 CENSUS:  
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"



is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY  
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.

PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES  
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER  
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.



Information on families includes all those people living in the same household who are related to the head by blood, marriage, or adoption. Information on unrelated individuals includes all members of a household who are not related to anyone else in the household or a person living in group quarters who is not an inmate of an institution. An N.A. indicates that this information was not available for the school district.

PAGE 13 -           1970 CENSUS: EMPLOYMENT STATUS BY RACE  
                    of Persons 16 Years of Age and Over in Labor Force

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 54, "Population 16 Years Old and Over by Labor Force Status, Selected Characteristics, and Sex". This information was based on a 20 percent sample survey. The employment or labor force status of persons over 16 is recorded by the U.S. Bureau of the Census in three categories: "In Labor Force", "In Armed Forces", and "Not in Labor Force". The information in this table covers only those people in the labor force, and this category is broken down into those who are "Employed" and those who are "Unemployed". Since the number and percent "Unemployed" is only based on those people in the labor force, it is an undercount of actual unemployment in a community. The "Total" is of those people 16 years and over in the labor force. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total" column. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 14 -   1970 CENSUS:  
  Number of Persons in Families and  
                    Number of Unrelated Individuals with Income Less Than Poverty Level

The information on the number of "Persons in Families" below poverty level was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 83, "Aggregate Number of Persons in Families below Poverty Level".

The information on the "Number of Unrelated Individuals with Income Less Than Poverty Level" was obtained from the U.S. Department of Commerce, Bureau of the Census 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 89, "Unrelated Individuals by Age and Poverty Status". This information was based on a 20 percent sample survey. The number of persons in families and the number of unrelated individuals were totalled by the MPP support research staff to arrive at the total in this table.

The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 -

#### 1970 CENSUS:

##### Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,



or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

LAND USE CHARACTERISTICS

PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

HOUSING CHARACTERISTICS

PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the

Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24.

The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 -            1970 CENSUS: NUMBER OF HOUSING UNITS  
by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW  
Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION  
STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.



PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column.

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS  
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS:  
Average Number of  
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF  
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.



## NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

### PAGE 1 - SCHOOL DISTRICT #, SCHOOL #

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

### PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

### PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)

20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.  
They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.

The information on "Title I" programs in a school ("Type of Program", "# of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("# Students, Free"; "# Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.



This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)



PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include "White" students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:  
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May





## EDUCATIONAL CHARACTERISTICS

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non-white
Elementary	2	876	872	4
Junior High	1	782	769	13
High School	1	708	694	14
Special & Ungraded	0			
Regional	0			
Vocational	0			
Total	4	2,366	2,335	31

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools				
Year	Total	Public		Non-public
		#	%	# %
1967-68	2,709	2,364	87.3	345 12.7
1970-71	2,698	2,505	92.8	193 7.2
1972-73	2,551	2,388	93.6	163 6.4

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Regional Early Childhood Education and Resource Centre (RECERC/ECC);	So. Middlesex Vocational Tech; Early Childhood Centre (Title III);

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)									
Level and Type of School	Total		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Nursery School									
Public	0		0		N.A.		N.A.		
Parochial	0		0		N.A.		N.A.		
Private	68	2.2	68	2.2	N.A.		N.A.		
Kindergarten									
Public	104	3.3	104	3.3	N.A.		N.A.		
Parochial	0		0		N.A.		N.A.		
Private	37	1.2	37	1.2	N.A.		N.A.		
Elementary (1-8)									
Public	1,777	56.6	1,777	56.6	N.A.		N.A.		
Parochial	43	1.4	43	1.4	N.A.		N.A.		
Private	11	0.4	11	0.4	N.A.		N.A.		
High School (1-4)									
Public	632	20.1	632	20.1	N.A.		N.A.		
Parochial	86	2.7	86	2.7	N.A.		N.A.		
Private	20	0.6	20	0.6	N.A.		N.A.		
College									
Public	132	4.2	132	4.2	N.A.		N.A.		
Private	229	7.3	229	7.3	N.A.		N.A.		

FEDERALLY-FUNDED PROGRAMS: 1973-74			
Program	# of Students	% Total Enrollment	
Title I	60		2.5
Title III	1,227		51.9





## EDUCATIONAL CHARACTERISTICS

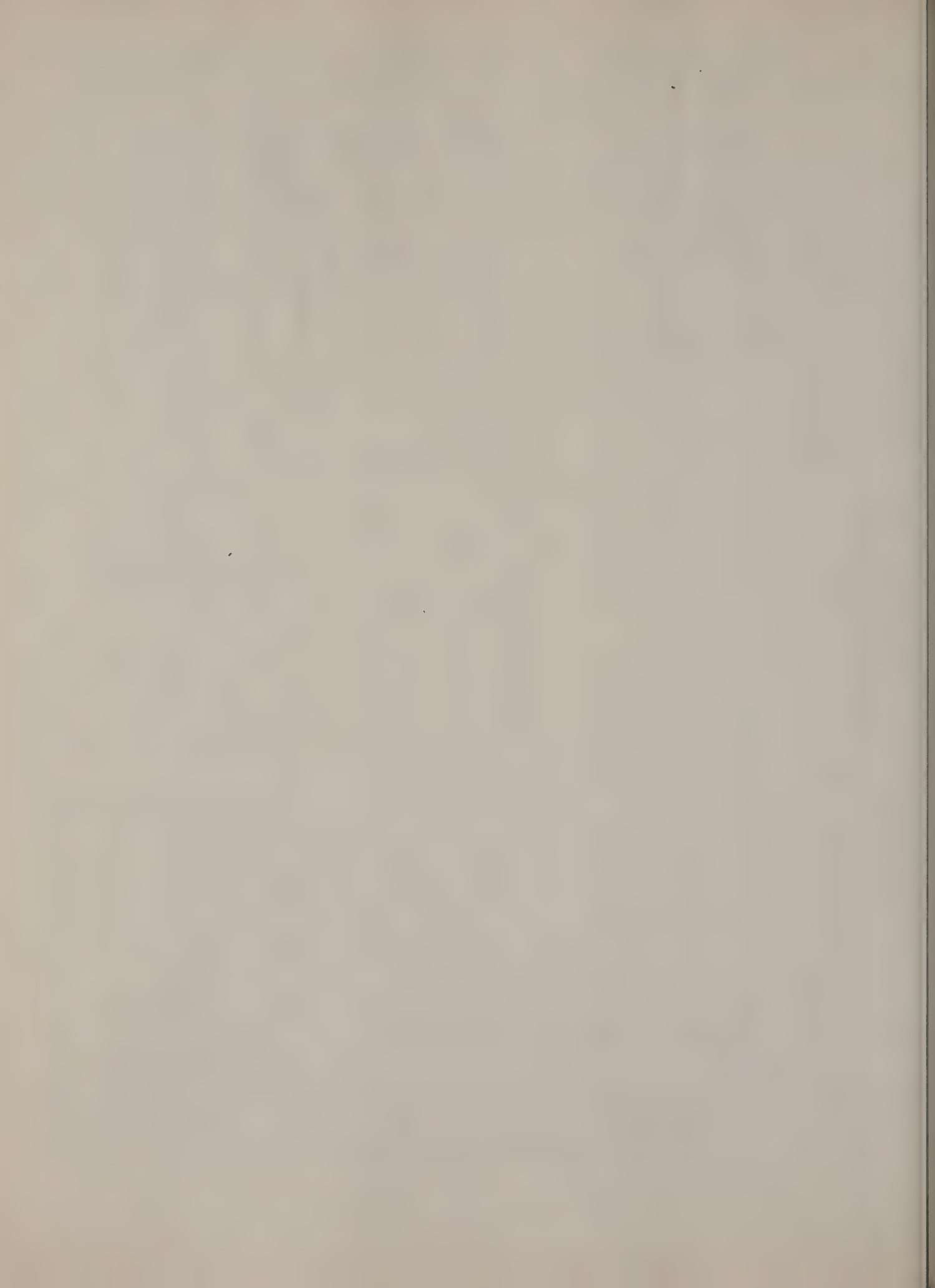
RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	White		Non-white	
	#	%	#	%
TOTAL	2,341	98.7	15	+0.6
1970-1971	2,439	98.6	1	0.0
1972-1973	2,356	98.1	14	+46.2

RACIAL CENSUS: 1967-68; 1970-71; 1972-73				
Years	White		Non-white	
	#	%	#	%
1967-1968	2,311	98.7	30	1.3
1970-1971	2,405	98.6	34	1.4
1972-1973	2,312	98.1	44	1.9

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white		
			Black	Native-American	Asian-American
Number	2,366	2,335	25	0	1
Percent	100.0	98.7	1.1		0.0

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	25	20.0	21	13.9	
4-yr. Other College	22	17.6	14	9.2	
2-yr. State College	8	6.4	8	5.3	
2-yr. Other College	2	1.6	13	8.6	
Nurses Training	2	1.6	4	2.6	
Other Post Secondary	16	12.8	21	13.9	
Military	3	2.4	0		
Work	29	23.2	45	29.8	
Other	6	4.8	25	16.6	
TOTAL	125	100.0	151	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 014 ASHLAND

EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982					
Past Enrollments: 1964 - 1972					
Projected Enrollments: 1973 - 1982					
School Year Beginning in Fall of	Total K-12	Total K-6	Total 7-12	White K-12	Non-white K-12
	(R <sup>2</sup> = .807 )	(R <sup>2</sup> = .219 )	(R <sup>2</sup> = .952 )	(R <sup>2</sup> = .765 )	(R <sup>2</sup> = .933 )
1964	2172.00	1255.80	916.203	2165.00	7.00000
1965	2208.00	1292.19	915.807	2200.00	8.00000
1966	2266.00	1326.44	939.561	2249.00	17.00000
1967	2341.00	1368.77	972.229	2311.00	30.00000
1968	2439.00	1376.00	1063.00	2406.00	33.00000
1969	2475.00	1341.54	1133.46	2440.00	35.00000
1970	2439.00	1285.00	1154.00	2405.00	34.00000
1971	2412.00	1217.04	1194.96	2379.00	33.00000
1972	2356.00	1151.00	1205.00	2312.00	44.00000
1973	2432.68	1227.52	1271.52	2393.52	37.4615
1974	2434.75	1214.94	1314.45	2395.17	37.4825
1975	2436.07	1202.36	1356.90	2396.20	37.4901
1976	2436.90	1189.78	1398.77	2396.85	37.4929
1977	2437.44	1177.20	1439.94	2397.26	37.4939
1978	2437.77	1164.62	1480.32	2397.52	37.4943
1979	2437.99	1152.04	1519.82	2397.68	37.4944
1980	2438.13	1139.47	1558.35	2397.78	37.4945
1981	2438.21	1126.89	1595.84	2397.85	37.4945
1982	2438.27	1114.31	1632.24	2397.89	37.4945





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 014 ASHLAND

EDUCATIONAL CHARACTERISTICS

NUMBER OF TEACHERS BY RACE: 1972-73									
Total	White		Non-White		Non-white				
	#	%	#	%	Black	Asian-American	Native-American	Spanish Surname	
					#	%	#	%	%
N.A.									

NUMBER OF TEACHERS, TEACHER AIDES AND OTHER PROFESSIONAL STAFF: 1973-74													
Staff Status	Total	White		Non-white		Non-white							Other
		#	%	#	%	Black	Asian-American	Native-American	Spanish Surname	#	%	%	
Teachers	143	139	97.2	4	2.8	2	1.4	1	0.7	0			1
Teacher Aides	28	27	96.4	1	3.6	1	3.6						0
Other Professional Staff	15	15	100.0	0		0							0
Total	186	181	97.3	5	2.7	3	1.6	1	0.5	0			1
													0.5



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 014 ASHLAND

EDUCATIONAL CHARACTERISTICS

SELECTED FINANCIAL CHARACTERISTICS						
Year	% Municipal Tax Spent on Education	Comprehensive Per Pupil Expenditure (in \$)			Public School Attending Children Transported at Public Expense	
		Total	Elementary School	Junior High School	High School	Computative Equalized Property Valuation per School Attending Child (in \$)
1967-68	60.4	591	515	543	775	16,427
1970-71	57.4	838	772	778	988	19,274
1972-73	60.8	1,101	998	943	1,328	22,736

1973 TAX RATE	
Official	Equalized
79.00	58.46

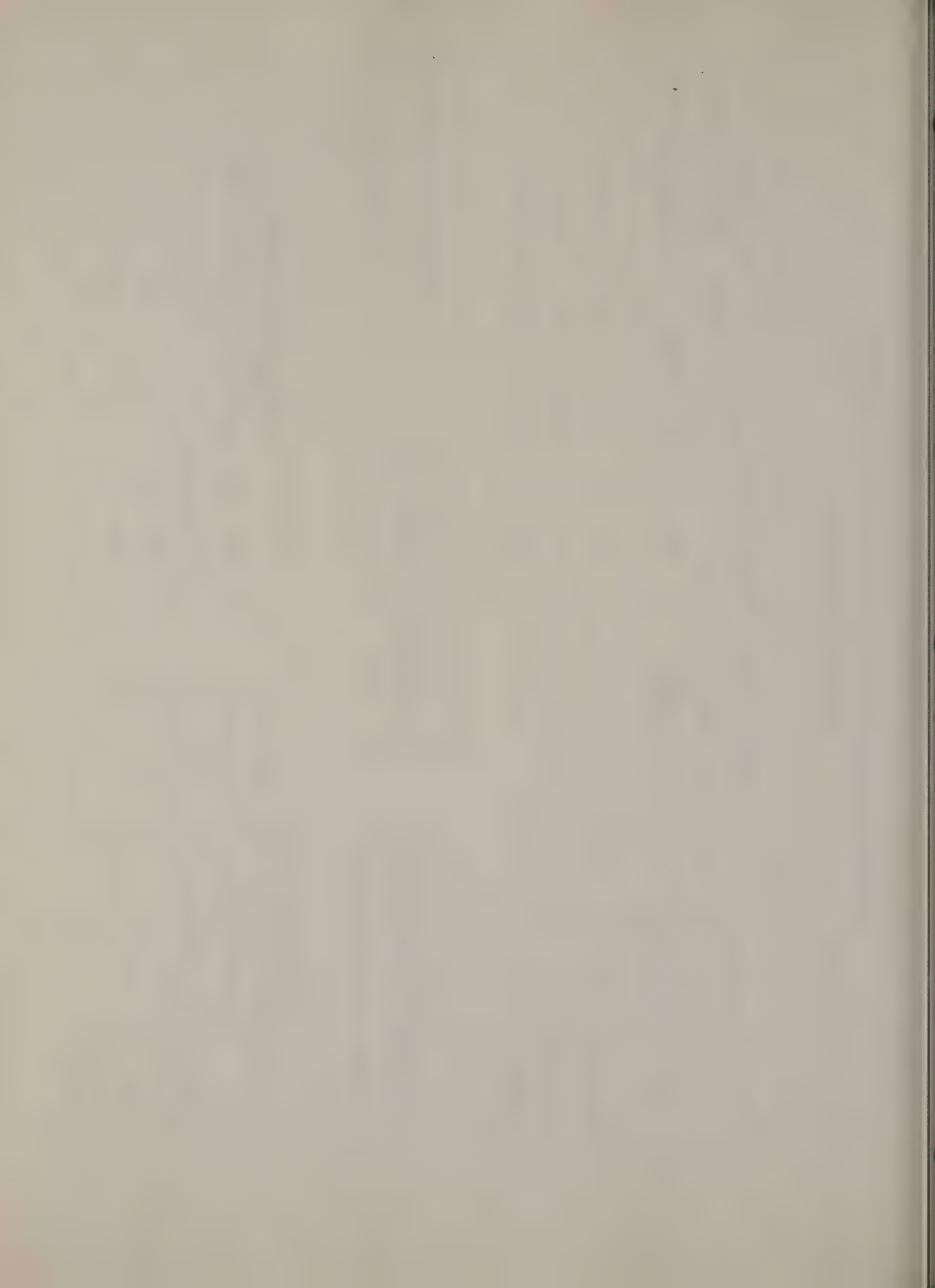
1973 SCHOOL TAX RATE	
Official	Equalized
47.81	35.38

1973 MOODY'S BOND RATING
A

PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74		
	# of Lunch Program Students	% of Total Enrollment
TOTAL	120	5.1
Free	120	5.1
Reduced Price	0	

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	0	
1970-71	0	
1972-73	0	
1973-74	0	





## EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73									
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
1967-68	1,814,753	1,343,050	74.0	404,653	22.3	91,791	5.1	0	
1970-71	2,858,831	2,004,328	70.1	740,210	25.9	100,023	3.5	0	
1972-73	3,256,813	1,846,648	56.7	1,284,055	39.4	159,421	4.9	0	
Notes: *The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.									

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72										
Changes in Public School Funds Provided 1967-72	Total		Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
	\$	%	\$	%	\$	%	\$	%	\$	%
	1,442,060	79.5	593,598	37.5	879,402	217.3	67,630	73.7	0	0.0

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72				
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	
	-23.4		76.7	-3.9
				0.0



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 014 ASHLAND

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

Year	Total Public School Funds Applied	Expenditures by School Committee				Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction		Other*							
		\$	%	\$	%	\$	%	\$	%	\$	%	\$	%
1967-68	1,814,753	32,056	1.8	1,059,656	58.4	288,468	15.9	283,591	15.6	0		30,851	1.7
1970-71	2,858,831	47,308	1.7	1,550,283	54.2	414,481	14.5	642,215	22.5	2,515	0.1	55,944	2.0
1972-73	3,256,813	61,319	1.9	1,818,056	55.8	474,946	14.6	510,815	15.7	153,925	4.7	114,407	3.5

ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

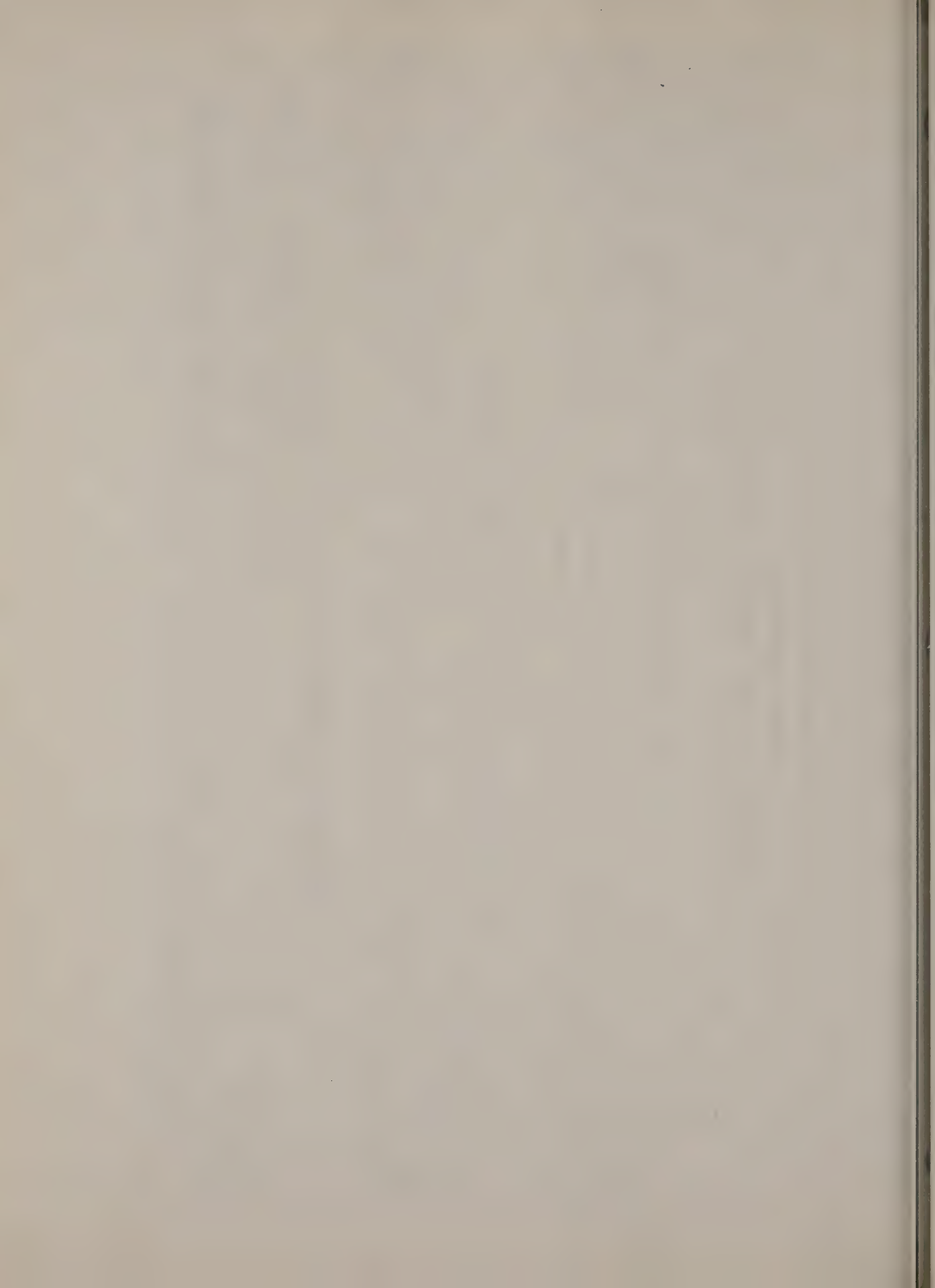
Changes in Public School Funds Expended 1967-72	Total Public School Funds Applied	Expenditures by School Committee				Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction		Other*							
		\$	%	\$	%	\$	%	\$	%	\$	%	\$	%
	1,442,060	29,263	91.3	758,400	71.6	186,478	64.6	227,224	80.1	153,925	Underdefined	83,556	270.8
												3,214	2.7

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

Percent Change in Proportional Distribution of Expenditures 1967-72	Expenditures by School Committee				Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
	Administration		Instruction		Other*							
	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%
	5.6		-4.5		-8.2		0.6		105.9		-42.4	

Note: \*Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.





## EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED									
Level and Years of School Completed	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
No School									
Year Completed	23	0.5	23	0.5					
Elementary:									
1-4 years	38	0.9	31	0.7					
5-6 years	77	1.7	77	1.7					
7 years	69	1.6	69	1.6					
8 years	256	5.8	256	5.8					
High School:									
1-3 years	705	15.9	705	15.9					
4 years	2,051	46.1	2,046	46.2					
College:									
1-3 years	648	14.6	648	14.6					
4 years	344	7.7	344	7.8					
5 years or more	235	5.3	231	5.2					
Total	4,446	100.0	4,430	100.0	N.A.		N.A.		

MEDIAN SCHOOL YEARS COMPLETED			
Total Population	White	Black	Spanish-American
12.0	12.0	N.A.	N.A.



## DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970															
Year	Total Population	Total Population				Non-White						Spanish Language			
		White		Non-white		Black		Native-American		Asian-American		Other		Spanish Language	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
1960	7,779	7,762	99.8	17	0.2	12	0.2	N.A.		N.A.		5	0.1	Not Available	
1970	8,882	8,819	99.3	63	0.7	49	0.6	0		8	0.1	6	0.1	N.A.	N.A.
1960-1970															
Increase (+)		+1,057	13.6	+46	270.6	+37	308.3	N.A.		N.A.		+1	20.0		
Decrease (-)															
% Change in Proportional Distribution		-0.5		+250.0		+200.0		N.A.		N.A.		+600.0			

Spanish Language

Not Available

N.A.

N.A.

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970		
1960-70		
Increase (+) or Decrease (-)		+1,103
% Change 1960-70		
Increase (+) or Decrease (-)		+14.2
Balance of Births to Deaths		
Excess of Births (+)		+1,403
Excess of Deaths (-)		
Net Migration		
Excess of People Moving In (+)		
Excess of People Moving Out (-)		-300

1970 CENSUS: FERTILITY RATIO BY RACE

Total Population 1,837:1

White 1,850:1

Black N.A.

Spanish-American N.A.





## DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Household Population by Race			
Race	Total Population #	Population in Households	
		#	%
White	8,819	8,763	99.3
Black	49	49	0.6
Other	14	14	0.1
Total	8,882	8,826	100.0

1970 CENSUS: Number of Families by Sex of Family Head				
	Family Head	Total Popula- tion	White	Black
				Spanish- American
Male		1,996	1,992	
Female		167	167	
Total		2,163	2,159	N.A.

1970 CENSUS: AGE DISTRIBUTION BY RACE									
Age	Total	White		Non-white		Non-white			
		#	%	#	%	Black	Other		
Under 5	834	830	9.4	4	6.4	3	1	7.1	
5 - 9	1,034	1,025	11.6	9	14.3	8	1	7.1	
10 - 14	1,126	1,114	12.6	12	19.1	11	1	7.1	
15 - 19	867	862	9.8	5	7.9	4	1	7.1	
20 - 24	570	565	6.4	5	7.9	2	3	21.4	
25 - 44	2,250	N.A.		N.A.		N.A.	N.A.		
45 - 64	1,650	N.A.		N.A.		N.A.	N.A.		
65 and Over	551	550	6.2	1	1.6	0	1	7.1	
Total	8,882	8,819	100.0	63	100.0	49	14	100.0	100.0



DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White	Black	Spanish-American
	#	%	#	#	#
Native of Native Parent	6,622	74.6	6,607		
Foreign Stock	2,260	25.4	2,260		
Total	8,882	100.0	8,867	N.A.	N.A.

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
Canada	801	35.4	
Italy	662	29.3	
United Kingdom	234	10.4	
Ireland	177	7.8	

1970 CENSUS: SPANISH POPULATION INDICATORS			
Indicators	# of Persons	% of Total Population	
Spanish Origin or Descent	37	0.4	
Puerto Rican Birth or Parentage	0		
Spanish Language	17	0.2	

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English			
Mother Tongue	# of Persons	% of Total Population	
Italian	626	7.1	
French	347	3.9	
Swedish	100	1.1	
German	72	0.8	





## ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	632	17.4	628	17.4					
Managers and Administrators, except Farm	321	8.8	321	8.9					
Sales Workers.	205	5.6	205	5.7					
Clerical and Kindred Workers	730	20.1	730	20.2					
Craftsmen, Foremen and Kindred Workers	564	15.5	564	15.6					
Operatives, except Transport	422	11.6	422	11.7					
Transport Equipment Operatives	132	3.6	132	3.7					
Laborers, except Farm	117	3.2	117	3.2					
Farmers and Farm Managers	15	0.4	15	0.4					
Farm Laborers and Foremen	11	0.3	11	0.3					
Service Workers, except Private Household	465	12.8	453	12.5					
Private Household Workers	15	0.4	15	0.4					
Total	3,629	100.0	3,613	100.0	N.A.	N.A.	N.A.	N.A.	N.A.

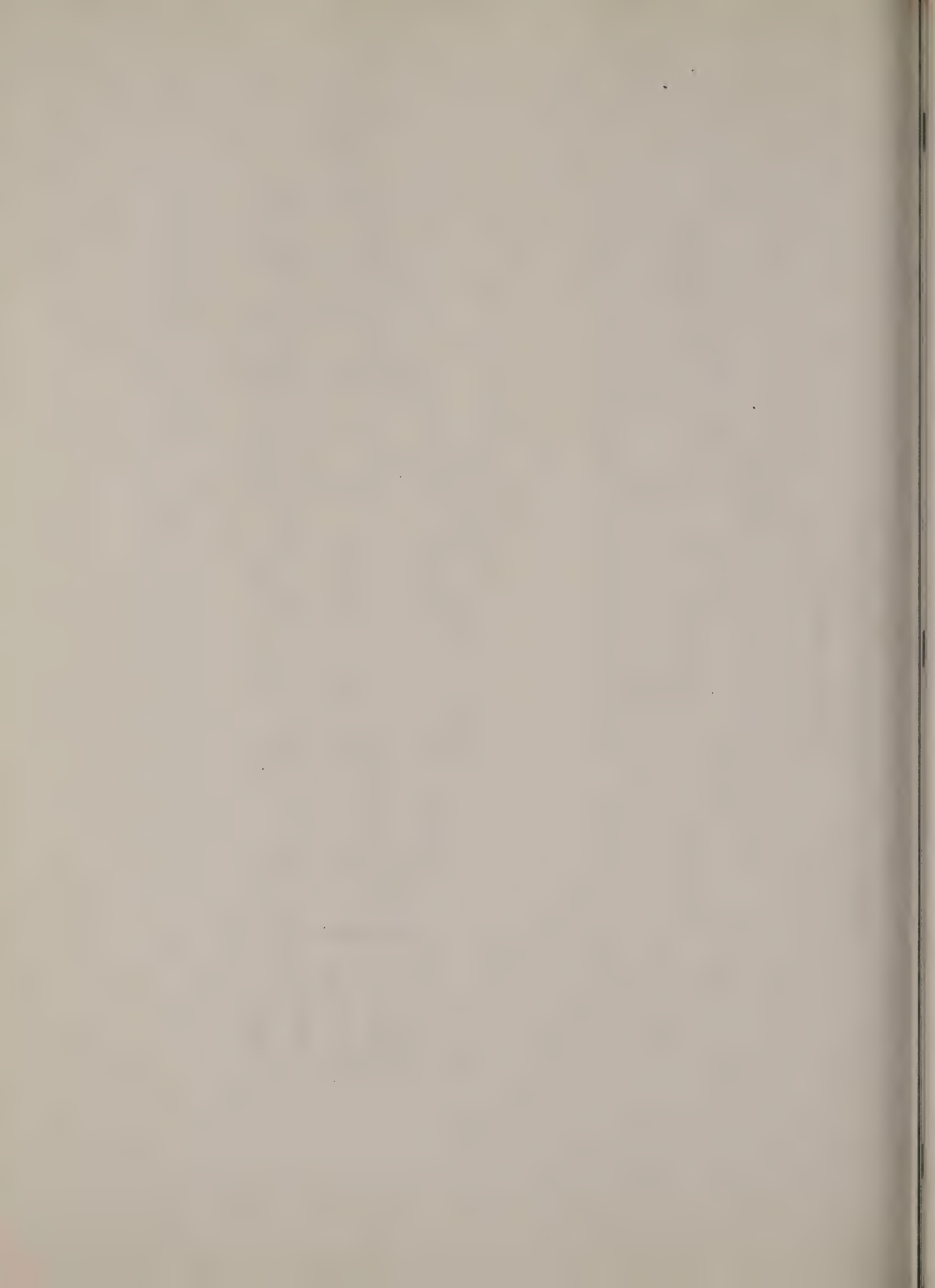


## ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS							
Year	Families			Unrelated Individuals			
	All	White	Black	Spanish-American	All	White	Black
1960	N.A.				N.A.		
1970	\$ 12,147	\$ 12,159	N.A.	N.A.	\$ 3,516	\$ 3,633	N.A.
							N.A.

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force								
Employment Status	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Employed	3,629	97.3	3,613	97.3	0		0	
Unemployed	99	2.7	99	2.7	0		0	
Total	3,728	100.0	3,712	100.0	0		0	





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 014 ASHLAND

ECONOMIC CHARACTERISTICS

1970 CENSUS: Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level								
Family Status	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Persons in Families	337	81.2	337	81.2				
Unrelated Individuals	78	18.8	78	18.8				
Total	415	100.0	415	100.0	N.A.		N.A.	

1970 CENSUS: Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents								
Parental Presence	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Living with Both Parents	138	3.8	138	3.8				
Other	39	1.1	39	1.1				
Total	177	4.9	177	4.9	N.A.		N.A.	



## ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967				
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$
Agriculture and Mining	5	262,244	49	5,352
Construction	30	1,132,156	142	7,973
Manufacturing	22	22,317,306	3,397	6,570
Transportation, Communication, and Utilities	6	1,541,964	188	8,202
Wholesale and Retail Trade	40	1,580,055	424	3,727
Finance, Insurance, Real Estate	0			
Service Industries	22	316,579	103	3,074
Total	125	27,150,295	4,303	6,310





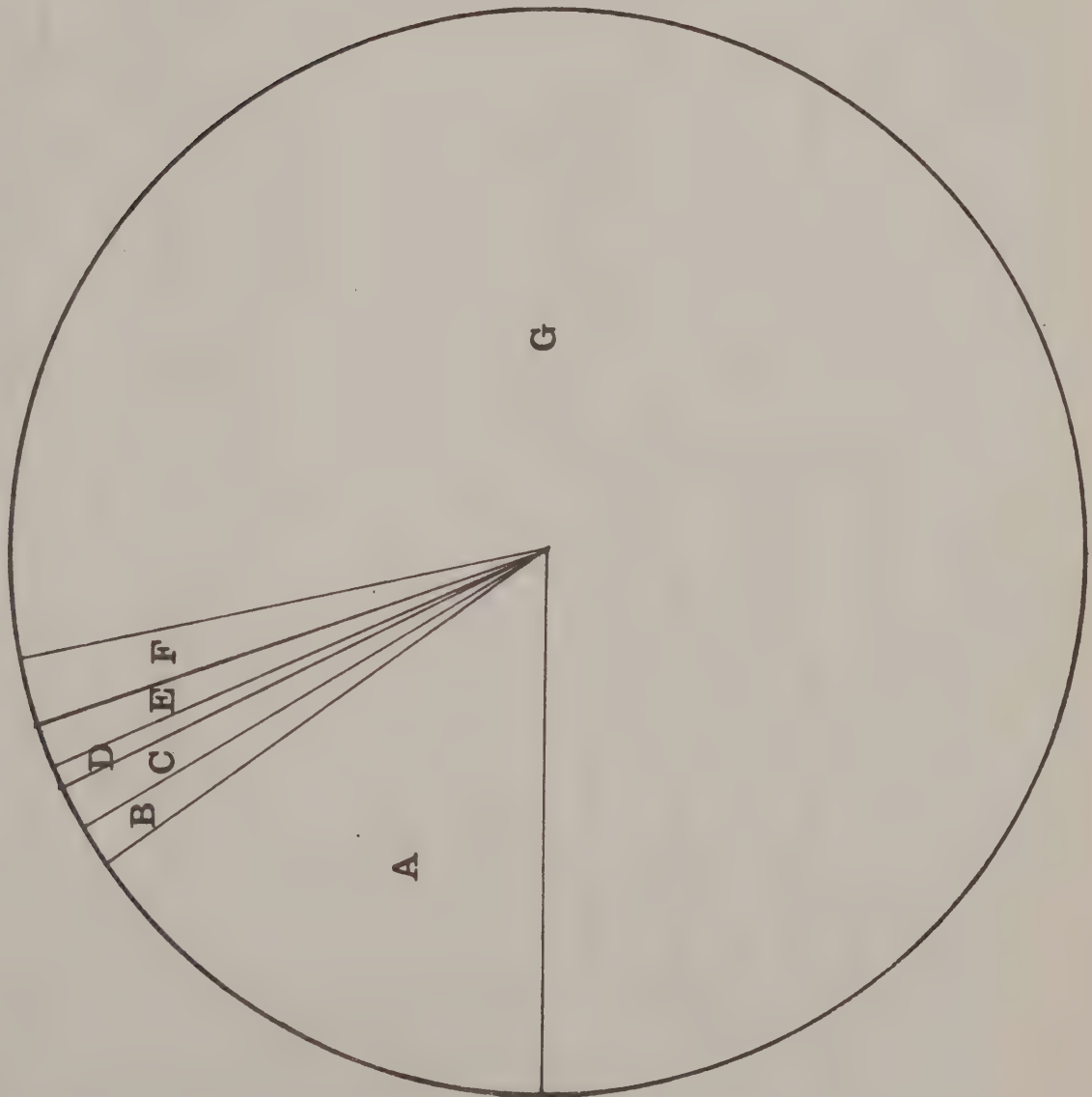
## ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	6	292,387	31	9,432	
Construction	26	960,500	99	9,702	
Manufacturing	21	15,289,395	1,847	8,278	
Transportation, Communication, and Utilities	7	3,037,051	305	9,958	
Wholesale and Retail Trade	45	2,604,550	539	4,832	
Finance, Insurance, Real Estate	0				
Service Industries	24	752,652	126	5,973	
Total	129	22,936,535	2,947	7,783	



1971 LAND USE PATTERN IN

# ASHLAND



Transportation  
 Disposal Sites, Extractive  
 Agricultural and Forest  
 Water and Wetlands





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 014 ASHLAND

HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS											
Total Housing Units			Occupied Housing Units						Median Value Owner Occupied Unit		
Total	Vacant		Occupied		Total	Owner Occupied		Renter Occupied	Median Value Owner Occupied Unit		Median Contract Rent
#	%	#	%	#	%	#	%	#	\$	\$	
2,532	100.0	94	3.7	2,438	96.3	2,438	100.0	1,851	75.9	21,300	122
								587	24.1		

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household									
Occupancy Status	Total		White Head of Household		Black Head of Household				
	#	%	#	%	#	%			
Owner Occupied	1,851	73.2	1,843	76.0	7	58.3			
Renter Occupied	587	23.2	582	24.0	5	41.7			
Vacant Year Round	91	3.6	Not Applicable						
Total	2,529	100.0	2,425	100.0	12	100.0			

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971	
Year Issued	Number
1960-1964	247
1965-1970	337
1971	4
Total	588



## HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973									
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA Low-Moderate Income Units	
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low	Moderate
Completed	40	40	0	0	0	0	0	0	0
Under Construction	0								
In Planning	0								

1970 CENSUS: AGE OF HOUSING UNITS									
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units		
	#	%	#	%	#	%	#	%	
1965-March 1970	232	9.2							
1960-1964	277	11.0							
1950-1959	1,036	41.0							
1940-1949	230	9.1							
1939 or earlier	753	29.8							
Total	2,528	100.0	N.A.		N.A.		N.A.		





HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS by Race of Head of Household						
Persons per Room	Total Occupied Units		Black Occupied Units		Other Occupied Units	
	#	%	#	%	#	%
1.00 or less	2,243	92.0	11	91.7	2,232	92.0
1.01 to 1.50	173	7.1	1	8.3	172	7.1
1.51 or more	22	0.9	0		22	0.9
Total	2,438	100.0	12	100.0	2,426	100.0

1970 CENSUS: TYPE OF HOUSING STRUCTURE		
Type	# of Structures	% of Housing Units
1 Unit	1,888	74.7
2 Units	290	11.5
3-4 Units	124	4.9
5-9 Units	149	5.9
10 or more Units	61	2.4
Mobile Home or Trailer	16	0.6
Total	2,528	100.0

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.6
Black Occupied Housing Units	N.A.
Other Occupied Housing Units	N.A.
Spanish-American Occupied Housing Units	N.A.



## HOUSING CHARACTERISTICS

1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner		Black Owner		Other Owner		Spanish-American		
	#	%	#	%	#	%	#	%	
Less than \$5,000	11	0.6							
\$5,000 - \$7,499	10	0.6							
\$7,500 - \$9,999	23	1.4							
\$10,000 - \$12,499	58	3.4							
\$12,500 - \$14,999	115	6.8							
\$15,000 - \$17,499	159	9.4							
\$17,500 - \$19,999	288	17.0							
\$20,000 - \$24,999	581	34.3							
\$25,000 - \$34,999	357	21.1							
\$35,000 - \$49,999	82	4.8							
\$50,000 and over	9	0.5							
Total	1,693	100.0	N.A.		N.A.		N.A.		





## HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter Occupied Units		Black Renter Occupied Units		Other Renter Occupied Units		Spanish-American Renter Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$30	0								
\$30 - \$49	6	1.0							
\$50 - \$69	53	9.1							
\$70 - \$89	19	3.3							
\$90 - \$119	64	11.0							
\$120 - \$149	165	28.4							
\$150 - \$199	226	38.8							
\$200 - \$249	15	2.6							
\$250 - \$299	9	1.5							
\$300 or more	0								
No Cash Rent	25	4.3							
Total	582	100.0	N.A.		N.A.		N.A.		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	School District:	Ashland
	School Name:	Central Street
	No. & Street:	75 Central St.
	City, State, Zip:	Ashland, Mass. 01721
	Grade Organization:	K-4
	Facilities:	
	Initial Construction Date:	1929
	Dates of Additions or Changes:	1937
	# Rooms, Instructional Use:	18
	# Rooms, Other Uses:	7
	TOTAL	25

School District #	014
School #	005
1973-74	
Federal Programs	
Title I:	
Type of Program:	Reading
# of Students:	16
% School Enrollment:	4.2
Lunch Program:	
# Students, Free:	28
# Students, Reduced Price:	0
TOTAL	28
% School Enrollment:	7.4
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





School District # 014  
School # 005

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American Asian-American Spanish Surname
Number	380	379	1	1	0
Percent	100.0	99.7	0.3	0.3	0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	428	426	99.5	2	0.5
1970-1971	375	372	99.2	3	0.8
1972-1973	326	322	98.8	4	1.2

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-102	-23.8	
White	-104	-24.4	-0.7
Non-white	+2	+100.0	+140.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School	District #	
School # 010		014

1973-74	
School District:	Ashland
School Name:	Fruit Street
No. & Street:	73 Fruit Street
City, State, Zip:	Ashland, Mass. 01721
Grade Organization:	K-4
Facilities:	
Initial Construction Date:	1961
Dates of Additions or Changes:	
# Rooms, Instructional Use:	22
# Rooms, Other Uses:	20
TOTAL	42

1973-74	
Federal Programs	
Title I:	
Type of Program:	Reading
# of Students:	22
% School Enrollment:	4.4
Lunch Program:	
# Students, Free:	23
# Students, Reduced Price:	0
TOTAL	23
% School Enrollment:	4.6
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





School District # 014  
School # 010

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	496	493	3	1	0	1	1
Percent	100.0	99.4	0.6	0.2		0.2	0.2

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	479	471	98.3	8	1.7
1970-1971	508	503	99.0	5	1.0
1972-1973	415	415	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-64	-13.7	
White	-56	-11.9	+1.7
Non-white	-8	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 014  
School # 405

1973-74  
School District: Ashland  
School Name: David Mindress  
No. & Street: 90 Concord St.  
City, State, Zip: Ashland, Mass. 01721  
Grade Organization: 5-8  
Facilities:  
Initial Construction Date: 1954  
Dates of Additions or Changes: 1956  
# Rooms, Instructional Use: 58  
# Rooms, Other Uses: 23  
TOTAL 81

1973-74  
Federal Programs  
Title I:  
Type of Program: \_\_\_\_\_  
# of Students: 22  
% School Enrollment: 2.8  
Lunch Program:  
# Students, Free: 51  
# Students, Reduced Price: 0  
TOTAL 51  
% School Enrollment: 6.5  
Bilingual Program:  
# Eligible Students: 0  
% School Enrollment: \_\_\_\_\_  
METCO Interdistrict Program:  
# Students: 0  
% School Enrollment: \_\_\_\_\_

STAFF ETHNIC CENSUS: 1973-74									
Professional Staff	Census		Age			Years in Present System		Position	
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over
TOTAL	N.A.								
White	N.A.								
Black	N.A.								
Spanish Surname	N.A.								
Asian-American	N.A.								
Native-American	N.A.								
Other	N.A.								
								Administrators	Teachers
								Teacher Aides	Other Professionals





School District # 014  
School # 405

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native- American	Asian- American	Spanish Surname
Number	782	769	13	11	0	0	2
Percent	100.0	98.3	1.7	1.4			0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	841	825	98.1	16	1.9
1970-1971	818	806	98.5	12	1.5
1972-1973	815	795	97.5	20	2.5

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-26	-3.1	
White	-30	-3.6	-0.6
Non-white	+ 4	+25.0	+31.6

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District #	014
School #	505

1973-74

School District:	Ashland
School Name:	Ashland High
No. & Street:	87 West Union Street
City, State, Zip:	Ashland, Mass. 01721
Grade Organization:	9-12
Facilities:	
Initial Construction Date:	1964
Dates of Additions or Changes:	1971
# Rooms, Instructional Use:	55
# Rooms, Other Uses:	29
TOTAL	84

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	18
# Students, Reduced Price:	0
TOTAL	18
% School Enrollment:	2.5
Bilingual Program:	
# Eligible Students:	
% School Enrollment:	0
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





STUDENT ETHNIC CENSUS: 1973-74							School District # 014 School # 505
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname
Number	708	694	14	12	0	0	2
Percent	100.0	98.0	2.0	1.7			0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	593	589	99.3	4	0.7
1970-1971	738	724	98.1	14	1.9
1972-1973	800	780	97.5	20	2.5

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+207	+34.9	
White	+191	+32.4	-1.8
Non-white	+16	+400.0	+257.1

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	25	20.0	21	13.9	
4-yr. Other College	22	17.6	14	9.3	
2-yr. State College	8	6.4	8	5.3	
2-yr. Other College	2	1.6	13	8.6	
Nurses Training	2	1.6	4	2.6	
Other Post Secondary	16	12.8	21	13.9	
Military	3	2.4	0		
Work	29	23.2	45	29.8	
Other	6	4.8	25	16.6	
TOTAL	125	100.0	151	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

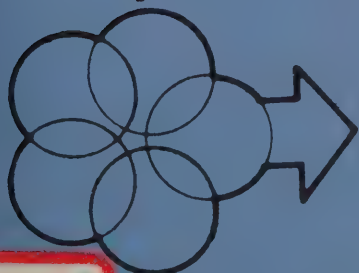


# **METRO WAYS TO UNDERSTANDING**

**A PLAN FOR THE VOLUNTARY ELIMINATION OF  
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS  
OF THE BOSTON METROPOLITAN AREA**

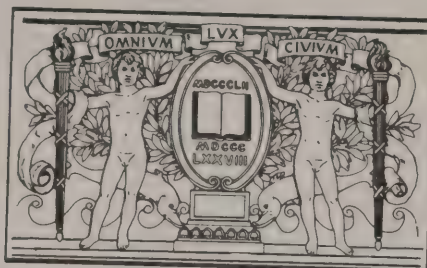
## **VOLUME III COMMUNITY PROFILES**

**TOWN OF  
BEDFORD**

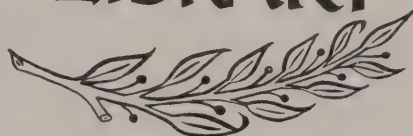


**THE METROPOLITAN PLANNING PROJECT**





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METRO WAYS TO UNDERSTANDING:

A Plan for the Voluntary Elimination of  
Racial and Ethnic Isolation in the Schools of  
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 023  
Town of Bedford

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1973-74

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## ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socioeconomic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.

During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METROETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING; AND RESOURCE DEVELOPMENT - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

#### ACKNOWLEDGEMENT

I wish to thank Dr. Forbes Bottomly for his encouragement and support of this research approach; Edward Feinman and Leslie S. May who, together with the Support Research Staff and myself, developed the analyses in Volume II RESOURCES FOR IMPLEMENTATION and Volume III COMMUNITY PROFILES. Our grateful appreciation to Mrs. Helen Taggart who formatted and typed the research materials.

Marcia Marker Feld,  
Executive Director



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Dr Forbes Bottomly

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## INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn

There are also Profiles for each of the following regional school districts:

Dover-Sherborn  
Experimental School System of the Commonwealth of Massachusetts  
Hamilton-Wenham  
Lincoln-Sudbury  
North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.



## NOTES AND SOURCES FOR THE COMMUNITY PROFILES

### EDUCATIONAL CHARACTERISTICS

#### PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT

By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

#### PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

#### PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:



The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74; Institute for Educational Services, Inc., "Survey on Collaboration", 1971; Metropolitan Planning Project Support Research Component Telephone Survey, 1974; Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidescope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR  
Level and Type of School by Race  
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidescope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts

State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three schools years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White"(or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:  
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".



PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

Concord (Concord-Carlisle Regional High School)  
Dover (Dover-Sherborn Regional High School)  
Hamilton (Hamilton-Wenham Regional High School)  
Lincoln (Lincoln-Sudbury Regional High School)  
Middleton (Masconomet Regional High School)  
Nahant (all Nahant high school students attend high schools in Lynn)  
Norfolk (King Philip Regional High School)  
Sherborn (Dover-Sherborn Regional High School)  
Sudbury (Lincoln-Sudbury Regional High School)  
Topsfield (Masconomet Regional High School)  
Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the  $R^2$  (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast --  $R^2$ 's of .8 or .9 are very reliable,  $R^2$ 's of .5, .6, or .7 are good, and  $R^2$ 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary



Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group, Fall, 1974. Since this information was collected from selected school districts, data was only available for 68 of the 83 Boston metropolitan area districts. MPP support research staff contacted the remaining districts to complete the survey. The following school districts provided this information:

Cohasset  
Dover  
Dover-Sherborn Regional High School  
Experimental School System of the Commonwealth of Massachusetts  
Hamilton-Wenham Regional High School  
Holbrook  
Manchester  
Nahant  
Topsfield  
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland  
Beverly  
Braintree  
Cohasset  
Experimental School System of the Commonwealth of Massachusetts  
Framingham  
Hamilton-Wenham Regional High School  
Manchester  
Medfield  
Medford  
Middleton  
Millis  
Nahant  
Norfolk  
Pembroke  
Saugus  
Sherborn  
Sudbury  
Topsfield  
Walpole

The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

#### PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

#### PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized

tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

#### PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

#### PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

#### PAGE 5 - PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.



PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Education Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference



between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to  $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$ . If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal  $(75-50)/50 = 25/50 = +50\%$ . If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000  $(\$100,000 - \$50,000)$ . The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to  $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$ . If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal  $(75-50)/50 = 25/50 = +50\%$ . If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph



is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:  
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

#### PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

#### PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.

PAGE 10 - 1970 CENSUS:  
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 - 1970 CENSUS:  
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"



is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY  
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.

PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES  
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER  
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.



Information on families includes all those people living in the same household who are related to the head by blood, marriage, or adoption. Information on unrelated individuals includes all members of a household who are not related to anyone else in the household or a person living in group quarters who is not an inmate of an institution. An N.A. indicates that this information was not available for the school district.

PAGE 13 -                   1970 CENSUS: EMPLOYMENT STATUS BY RACE  
                  of Persons 16 Years of Age and Over in Labor Force

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 54, "Population 16 Years Old and Over by Labor Force Status, Selected Characteristics, and Sex". This information was based on a 20 percent sample survey. The employment or labor force status of persons over 16 is recorded by the U.S. Bureau of the Census in three categories: "In Labor Force", "In Armed Forces", and "Not in Labor Force". The information in this table covers only those people in the labor force, and this category is broken down into those who are "Employed" and those who are "Unemployed". Since the number and percent "Unemployed" is only based on those people in the labor force, it is an undercount of actual unemployment in a community. The "Total" is of those people 16 years and over in the labor force. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total" column. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 14 -                   1970 CENSUS:  
                              Number of Persons in Families and  
                  Number of Unrelated Individuals with Income Less Than Poverty Level

The information on the number of "Persons in Families" below poverty level was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 83, "Aggregate Number of Persons in Families below Poverty Level".

The information on the "Number of Unrelated Individuals with Income Less Than Poverty Level" was obtained from the U.S. Department of Commerce, Bureau of the Census 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 89, "Unrelated Individuals by Age and Poverty Status". This information was based on a 20 percent sample survey. The number of persons in families and the number of unrelated individuals were totalled by the MPP support research staff to arrive at the total in this table.

The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 -

#### 1970 CENSUS:

##### Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,



or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

LAND USE CHARACTERISTICS

PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

HOUSING CHARACTERISTICS

PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the

Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24.

The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 -        1970 CENSUS: NUMBER OF HOUSING UNITS  
                 by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW  
                 Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION  
                 STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.



PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column.

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS  
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS:  
Average Number of  
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF  
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.



## NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

### PAGE 1 - SCHOOL DISTRICT #, SCHOOL #

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

### PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

### PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)

20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.  
They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.

PAGE 1 - 1973-74 FEDERAL PROGRAMS

The information on "Title I" programs in a school ("Type of Program", "# of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("# Students, Free"; "# Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.



This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)



PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include "White" students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:  
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May





## EDUCATIONAL CHARACTERISTICS

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non-white
Elementary	4	11,976	1,923	53
Junior High	1	612	601	11
High School	1	1,362	1,242	120
Special & Ungraded	0			
Regional	0			
Vocational	0			
Total	6	3,950	3,766	184

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools					
Year	Total	Public		Non-public	
		#	%	#	%
1967-68	3,730	3,422	91.7	308	8.3
1970-71	4,170	3,912	93.8	258	6.2
1972-73	4,151	4,081	98.3	70	1.7

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Massachusetts Association of School Business Officials(MASBO); Metropolitan Planning Project-Applicant District;	Shawnee Valley Vocational Technical High School

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)									
Level and Type of School	Total		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	#
Nursery School									
Public	17	0.4	8	0.2	0		9	10.3	
Parochial	0		0		0		0		
Private	114	2.5	98	2.2	7	19.4	8	9.1	
Kindergarten									
Public	40	0.9	40	0.9	0		0		
Parochial	0		0		0		0		
Private	200	4.5	188	4.3	6	16.7	13	14.9	
Elementary (1-8)									
Public	2,516	56.2	2,473	55.3	17	47.2	28	32.2	
Parochial	58	1.3	58	1.3	0		0		
Private	40	0.9	34	0.8	6	16.7			
High School (1-4)									
Public	922	20.6	915	21.0	0		29	33.3	
Parochial	50	1.1	50	1.1	0		0		
Private	39	0.9	32	0.7	0		0		
College									
Public	121	2.7	121	2.8	0		0		
Private	356	8.0	344	7.7	0		0		

FEDERALLY-FUNDED PROGRAMS: 1973-74			
Program	# of Students	% Total Enrollment	
Title I	40	1.0	
Title III	0		





EDUCATIONAL CHARACTERISTICS

RACIAL CENSUS: 1967-68; 1970-71; 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	3,422	3,371	98.5	51	1.5
1970-1971	3,882	3,830	98.7	52	1.3
1972-1973	4,014	3,918	97.6	96	2.4

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	+592	+17.3		
White	+547	+16.2		-0.9
Non-white	+45	+88.2		+60.0

STUDENT ETHNIC CENSUS: 1973-74					
	Black	Non-white			Spanish Surname
		Native American	Asian-American		
Number	106	2	24		52
Percent	2.7	0.1	0.6		1.3

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	26	13.7	53	17.2	
4-yr. Other College	65	34.2	84	27.2	
2-yr. State College	5	2.6	31	10.0	
2-yr. Other College	13	6.8	12	3.9	
Nurses Training	0		6	1.9	
Other Post Secondary	30	15.8	7	2.3	
Military	6	3.2	5	1.6	
Work	41	21.6	49	15.9	
Other	4	2.1	62	20.1	
TOTAL	190	100.0	309	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982					
Past Enrollments: 1964 - 1972					
Projected Enrollments: 1973 - 1982					
School Year Beginning in Fall of	Total K-12 (R <sup>2</sup> = .997 )	Total K-6 (R <sup>2</sup> = . )	Total 7-12 (R <sup>2</sup> = . )	White K-12 (R <sup>2</sup> = .996)	Non-white K-12 (R <sup>2</sup> = .543)
1964	2639.00			2607.00	32.0000
1965	2987.00			2957.00	30.0000
1966	3254.00			3212.00	42.0000
1967	3422.00			3371.00	51.0000
1968	3599.00			3538.00	61.0000
1969	3726.00			3665.00	61.0000
1970	3883.00			3831.00	52.0000
1971	3901.00			3859.00	42.0000
1972	4014.00			3918.00	96.0000
1973	4032.05			3957.73	78.7222
1974	4063.18			3986.51	84.0889
1975	4085.78			4007.28	89.4555
1976	4102.14			4022.22	94.8222
1977	4113.95			4032.93	100.189
1978	4122.46			4040.61	105.556
1979	4128.58			4046.10	110.922
1980	4132.98			4050.01	116.289
1981	4136.14			4052.81	121.656
1982	4138.40			4054.81	127.022





# METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

## EDUCATIONAL CHARACTERISTICS

SELECTED FINANCIAL CHARACTERISTICS								
Year	% Municipal Tax Spent on Education	Comprehensive Per Pupil Expenditure (in \$)			Public School Attending Children Transported at Public Expense		Computative Equalized Property Valuation per School Attending Child (in \$)	
		Total	Elementary School	Junior High School	High School	#		%
1967-68	60.6	733	640	736	910	3,420	100.0	23,190
1970-71	61.8	1,011	880	1,085	1,171	1,975	50.5	27,338
1972-73	62.8	1,158	1,015	1,175	1,364	2,764	67.7	31,318

1973 TAX RATE	
Official	Equalized
78.00	48.36

1973 SCHOOL TAX RATE	
Official	Equalized
48.68	30.18

1973 MOODY'S BOND RATING
A

PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74		
	# of Lunch Program Students	% of Total Enrollment
TOTAL	115	2.9
Free	113	2.8
Reduced Price	2	0.1

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	0	
1970-71	0	
1972-73	0	
1973-74	0	



## EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73									
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
1967-68	3,349,254	2,486,198	74.2	591,017	17.6	266,298	8.0	1,845	0.1
1970-71	5,086,445	3,763,450	74.0	1,015,642	20.0	339,180	6.7	6,370	0.1
1972-73	5,695,404	4,178,907	73.4	1,453,297	25.5	382,921	6.7	3,200	0.1

Notes: \*The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72									
Changes in Public School Funds Provided 1967-72	Total	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
	+2,346,150	+1,692,709	68.0	+862,280	145.9	+116,623	43.8	+1,355	73.4

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72				
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	
	-1.1		44.9	-16.2
				.0





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

EDUCATIONAL CHARACTERISTICS

EDUCATIONAL CHARACTERISTICS															
PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73															
Year	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction		Other*		\$	%	\$	%	of Federal Funds		of Revolving Funds	
		\$	%	\$	%	\$	%					\$	%		
1967-68	3,349,254	66,578	2.0	1,922,830	57.4	474,752	14.1	651,741	19.5	9,060	0.3	40,213	1.2	184,080	5.5
1970-71	5,086,445	100,801	2.0	2,947,424	57.9	702,401	13.8	1,019,492	20.0	51,843	1.0	43,444	0.9	221,040	4.3
1972-73	5,695,404	138,606	2.4	3,393,173	59.6	805,085	14.2	997,434	17.5	127,299	2.2	24,300	0.4	209,507	3.7

ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72															
Changes in Public School Funds Expended 1967-72	Total Public School Funds Applied \$	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies \$	Expenditures for Regional School Assessments \$	Expenditures of Federal Funds		Expenditures of Revolving Funds			
		Administration		Instruction		Other*				Expenditures of Federal Funds	Expenditures of Revolving Funds				
		\$	%	\$	%	\$	%								
	2,346,150	72,028	108.2	1,470,343	76.5	330,333	69.6	345,693	53.0	118,239	1305.1	-15,913	-39.6	25,427	13.8

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72									
Percent Change in Proportional Distribution of Expenditures 1967-72	Expenditures by School Committee			Expenditures for Services provided by Other Municipal Agencies	Expenditures for Regional School Assessments	Expenditures of Federal Funds	Expenditures of Revolving Funds		
	Administration	Instruction	Other*						
		20.0	3.8	0.7	-10.3	633.3	-66.7	-32.7	

Note: \*Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.



## EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED									
Level and Years of School Completed	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
No School									
Year Completed	34	0.5	34	0.5	0		0		
Elementary:									
1-4 years	61	0.9	61	0.9	0		0		
5-6 years	195	2.7	184	2.6	11	12.8	0		
7 years	109	1.5	104	1.5	5	5.8	0		
8 years	303	4.2	297	4.2	6	7.0	0		
High School:									
1-3 years	796	11.1	786	11.2	10	11.6	0		
4 years	2,403	33.5	2,368	33.8	20	23.3	15	33.3	
College:									
1-3 years	1,197	16.7	1,172	16.7	14	16.3	22	48.9	
4 years	1,033	14.4	1,016	14.5	11	12.8	0		
5 years or more	1,035	14.4	985	14.1	9	10.5	8	17.8	
Total	7,166	100.0	7,007	100.0	86	100.0	45	100.0	

MEDIAN SCHOOL YEARS COMPLETED				
Total Population	White	Black	Spanish-American	
12.7	12.7	12.1	13.7	





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970													
Year	Total Population	Total Population				Non-White						Spanish Language	
		White		Non-white		Black		Native-American		Asian-American		Other	
		#	%	#	%	#	%	#	%	#	%	#	%
1960	10,969	10,780	98.3	189	1.7	159	1.5	2	0.0	19	0.2	9	0.1
1970	13,513	13,224	97.9	289	2.1	153	1.1	5	0.0	88	0.7	43	0.3
1960-1970 Increase (+) Decrease (-) % Change in Proportional Distribution		+2,444	22.7	+100	52.9	-6	3.8	+3	150.0	+69	363.2	+34	377.8
		-0.4		+23.5		-26.7		Undefined		+250.0		+200.0	
												Not Available	
												141	1.0

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970		
1960-70 Increase (+) or Decrease (-)		+2,544
% Change 1960-70 Increase (+) or Decrease (-)		+23.2
Balance of Births to Deaths		
Excess of Births (+)		+2,358
Excess of Deaths (-)		
Net Migration		
Excess of People Moving In (+)		+186
Excess of People Moving Out (-)		

1970 CENSUS: FERTILITY RATIO BY RACE	
Total Population	1.823:1
White	1.839:1
Black	2.200:1
Spanish-American	3,068:1



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILES # 023 BEDFORD

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Number of Families by Sex of Family Head				
Family Head	Total Population	White	Black	Spanish-American
Male	2,769	2,713	25	23
Female	219	214	5	0
Total	2,988	2,927	30	23

1970 CENSUS: Household Population by Race			
Race	Total Population #	Population in Households	
		#	%
White	13,224	12,162	97.9
Black	153	134	1.1
Other	136	124	1.0
Total	13,513	12,420	100.0

1970 CENSUS: AGE DISTRIBUTION BY RACE						
Age	Total	White		Non-white		
		#	%	#	%	Other #
Under 5	1,255	1,223	9.3	32	11.1	18
5 - 9	1,608	1,564	11.8	44	15.2	27
10 - 14	1,648	1,625	12.3	23	8.0	14
15 - 19	1,083	1,075	8.1	8	2.8	5
20 - 24	758	744	5.6	14	4.8	8
25 - 44	3,834	3,715	28.1	119	41.2	55
45 - 64	2,443	2,412	18.2	31	10.7	19
65 and Over	884	866	6.5	18	6.2	7
Total	13,513	13,224	100.0	289	100.0	153
						136
						100.0





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White	Black	Spanish-American
	#	%	#	#	#
Native of Native Parent	9,914	73.4	9,715	129	112
Foreign Stock	3,599	26.6	3,494	17	29
Total	13,513	100.0	13,209	146	141

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
Canada	1,005	27.9	
Italy	485	13.5	
Ireland	421	11.7	
United Kingdom	413	11.5	

1970 CENSUS: SPANISH POPULATION INDICATORS			
Indicators	# of Persons	% of Total Population	
Spanish Origin or Descent	123	0.9	
Puerto Rican Birth or Parentage	0	0	
Spanish Language	141	1.0	

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English		
Mother Tongue	# of Persons	% of Total Population
French	481	3.6
Italian	408	3.0
German	253	1.9
Polish	87	0.6



ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	1,430	31.1	1,381	30.6	14	46.7	8	26.7	
Managers and Administrators, except Farm	682	14.8	682	15.1	0		8	26.7	
Sales Workers	424	9.2	424	9.4	0		0		
Clerical and Kindred Workers	819	17.8	802	17.7	6	20.0	7	23.3	
Craftsmen, Foremen and Kindred Workers	413	9.0	408	9.0	5	16.7	0		
Operatives, except Transport	172	3.7	167	3.7	5	16.7	7	23.3	
Transport Equipment Operatives	77	1.7	77	1.7	0		0		
Laborers, except Farm	115	2.5	115	2.5	0		0		
Farmers and Farm Managers	13	0.3	13	0.3	0		0		
Farm Laborers and Foremen	9	0.2	9	0.2	0		0		
Service Workers, except Private Household	439	9.5	433	9.6	0		0		
Private Household Workers	10	0.2	10	0.2	0		0		
Total	4,603	100.0	4,521	100.0	30	100.0	30	100.0	





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS							
Year	Families			Unrelated Individuals			
	All	White	Black	Spanish-American	All	White	Black
1960	N.A.				N.A.		
1970	\$14,268	\$14,337	\$9,000	\$17,810	\$5,812	\$5,777	\$20,000
							0

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force								
Employment Status	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Employed	4,603	97.6	4,521	97.5	30	100.0	30	100.0
Unemployed	114	2.4	114	2.5	0		0	
Total	4,717	100.0	4,635	100.0	30	100.0	30	100.0



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

ECONOMIC CHARACTERISTICS

1970 CENSUS: Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level								
Family Status	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Persons in Families	344	72.6	294	69.3	50	100.0	0	
Unrelated Individuals	130	27.4	130	30.7	0		0	
Total	474	100.0	424	100.0	50	100.0	0	

1970 CENSUS: Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents								
Parental Presence	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Living with Both Parents	62	1.2	46	0.9	16	20.8	0	
Other	160	3.0	140	2.7	20	26.0	0	
Total	222	4.2	186	3.6	36	46.8	0	





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967				
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$
Agriculture and Mining	6	147,249	29	5,078
Construction	26	805,307	111	7,255
Manufacturing	19	36,674,010	4,577	8,013
Transportation, Communication, and Utilities	10	493,110	105	4,696
Wholesale and Retail Trade	75	3,256,337	780	4,175
Finance, Insurance, Real Estate	9	260,850	26	10,033
Service Industries	54	16,736,775	1,801	9,293
Total	199	58,373,638	7,429	7,858



## ECONOMIC CHARACTERISTICS

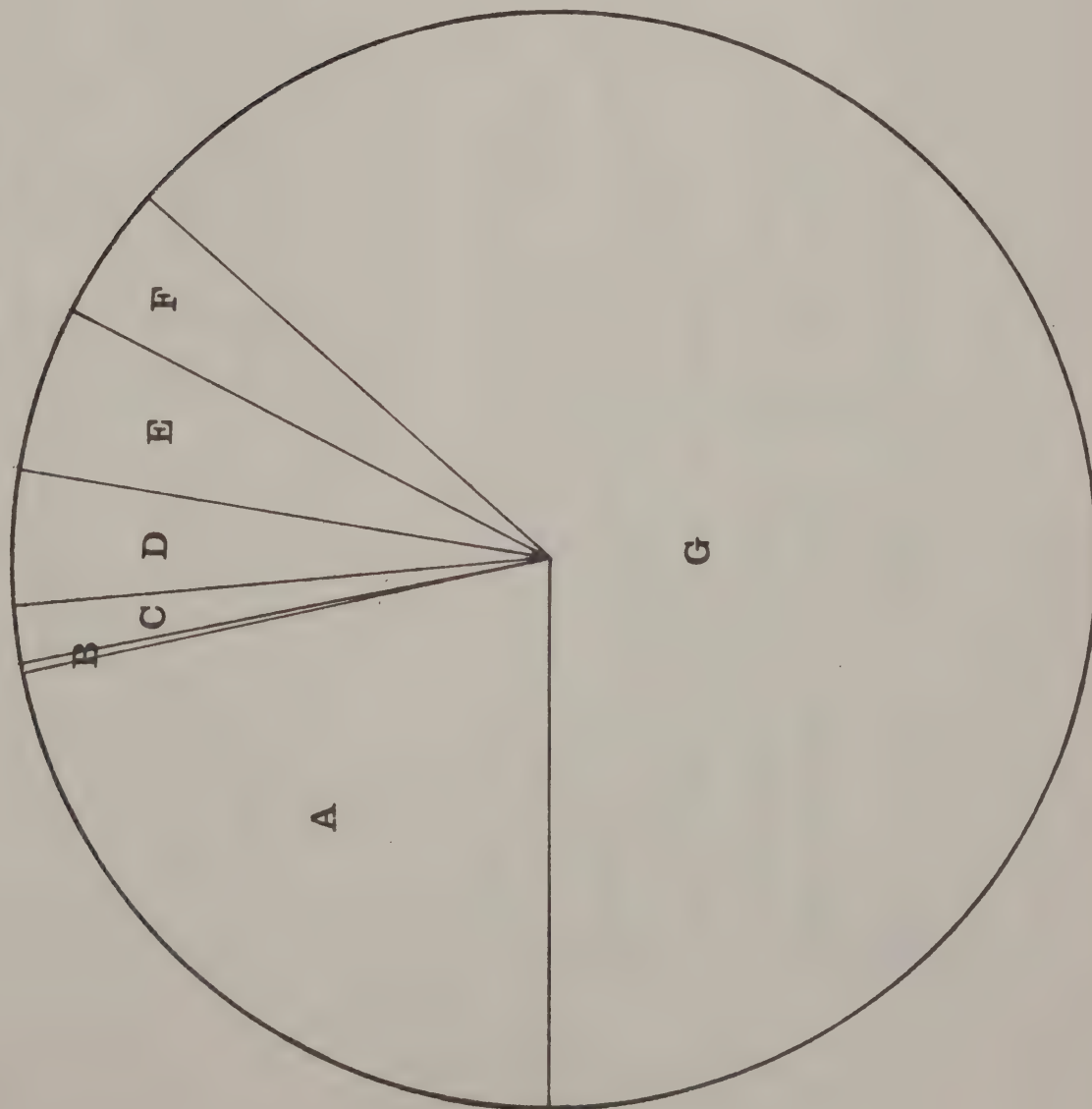
CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972				
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$
Agriculture and Mining	6	224,542	32	7,017
Construction	25	1,147,922	119	9,646
Manufacturing	28	75,181,421	6,659	11,290
Transportation, Communication, and Utilities	6	471,195	91	5,178
Wholesale and Retail Trade	74	5,939,645	1,222	4,861
Finance, Insurance, Real Estate	11	810,468	61	13,286
Service Industries	78	43,891,087	3,262	13,455
Total	228	127,666,280	11,446	11,154





1971 LAND USE PATTERN IN

# BEDFORD



%

## LAND USE

A	RESIDENTIAL	21.7
B	COMMERCIAL	0.2
C	RECREATIONAL	1.8
D	PUBLIC INSTITUTIONS	3.9
E	INDUSTRIAL	4.9
F	VACANT LAND	4.0
G	OTHER:	63.8

Transportation  
Disposal Sites, Extractive  
Agricultural and Forest  
Water and Wetlands



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS												
Total Housing Units					Occupied Housing Units						Median Value Owner Occupied Unit	Median Contract Rent
Total		Vacant		Occupied		Total		Owner Occupied		Renter Occupied		
#	%	#	%	#	%	#	%	#	%	#	%	\$
3,327	100.0	54	1.6	3,273	98.4	3,273	100.0	2,636	80.5	637	19.5	30,000
												\$
												138

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household							
Occupancy Status	Total		White Head of Household		Black Head of Household		
	#	%	#	%	#	%	
Owner Occupied	2,636	79.3	2,590	80.9	22	64.7	
Renter Occupied	637	19.2	613	19.1	12	35.3	
Vacant Year Round	53	1.6	Not Applicable				
Total	3,326	100.0	3,203	100.0	34	100.0	

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971	
Year Issued	Number
1960-1964	520
1965-1970	496
1971	45
Total	1,061





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973										
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA Low-Moderate Income Units		
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low	Moderate	
Completed	52	40	12	0	0	0	0	0	0	0
Under Construction	40	40	0	0	0	0	0	0	0	0
In Planning	0	0	0	0	0	0	0	0	0	0

1970 CENSUS: AGE OF HOUSING UNITS										
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units			
	#	%	#	%	#	%	#	%	#	%
1965-March 1970	547	16.5	0		547	16.7				
1960-1964	540	16.3	5	13.2	535	16.3				
1950-1959	1,421	42.8	9	23.7	1,412	43.0				
1940-1949	265	8.0	19	50.0	246	7.5				
1939 or earlier	550	16.6	5	13.2	545	16.6				
Total	3,323	100.0	38	100.0	3,285	100.0			N.A.	



HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS by Race of Head of Household						
Persons per Room	Total Occupied		Black Occupied		Other Occupied	
	Units #	%	Units #	%	Units #	%
1.00 or less	3,121	95.4	31	91.2	3,090	95.4
1.01 to 1.50	136	4.2	2	5.9	134	4.1
1.51 or more	16	0.5	1	2.9	15	0.5
Total	3,273	100.0	34	100.0	3,239	100.0

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.8
Black Occupied Housing Units	4.4
Other Occupied Housing Units	3.8
Spanish-American Occupied Housing Units	N.A.

1970 CENSUS: TYPE OF HOUSING STRUCTURE		
Type	# of Structures	% of Housing Units
1 Unit	2,651	79.8
2 Units	454	13.7
3-4 Units	26	0.8
5-9 Units	69	2.1
10 or more Units	12	0.4
Mobile Home or Trailer	111	3.3
Total	3,323	100.0





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

HOUSING CHARACTERISTICS

1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner Occupied Units		Black Owner Occupied Units		Other Owner Occupied Units		Spanish-American Owner Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$5,000	0								
\$5,000 - \$7,499	5	0.2							
\$7,500 - \$9,999	5	0.2							
\$10,000 - \$12,499	15	0.6							
\$12,500 - \$14,999	39	1.6							
\$15,000 - \$17,499	33	1.4							
\$17,500 - \$19,999	72	3.0							
\$20,000 - \$24,999	503	21.0							
\$25,000 - \$34,999	1,012	42.2							
\$35,000 - \$49,999	566	23.6							
\$50,000 and over	146	6.1							
Total	2,396	100.0	N.A.		N.A.		N.A.		



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 023 BEDFORD

HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter Occupied Units		Black Renter Occupied Units		Other Renter Occupied Units		Spanish-American Renter Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$30	0		0		0				
\$30 - \$49	0		0		0				
\$50 - \$69	33	5.3	0		33	5.6			
\$70 - \$89	24	3.9	5	17.9	19	3.2			
\$90 - \$119	63	10.2	23	82.1	40	6.8			
\$120 - \$149	36	5.8	0		36	6.1			
\$150 - \$199	274	44.2	0		274	46.3			
\$200 - \$249	78	12.6	0		78	13.2			
\$250 - \$299	54	8.7	0		54	9.1			
\$300 or more	32	5.2	0		32	5.4			
No Cash Rent	26	4.2	0		26	4.4			
Total	620	100.0	28	100.0	592	100.0		N.A.	





## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
School District:	Bedford
School Name:	Center
No. & Street:	School Way
City, State, Zip:	Bedford, Mass. 01730
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1990
Dates of Additions or Changes:	1951
# Rooms, Instructional Use:	27
# Rooms, Other Uses:	16
TOTAL	43

School District #	023
School #	005
1973-74	
Federal Programs	
Title I:	
Type of Program:	Project Plan
# of Students:	20
% School Enrollment:	3.5
Lunch Program:	
# Students, Free:	52
# Students, Reduced Price:	2
TOTAL	54
% School Enrollment:	9.4
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]



School District # 023  
School # 005

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	574	557	17	14	0	1	2
Percent	100.0	97.0	3.0	2.4		0.2	0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	563	561	99.6	2	0.4
1970-1971	541	534	98.7	7	1.3
1972-1973	590	580	98.3	10	1.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+ 27	+ 4.8	
White	+ 19	+ 3.4	-1.3
Non-white	+ 8	+ 400.0	+ 325.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74  
School District: Bedford  
School Name: Lt. Eleazer Davis  
No. & Street: Davis Road  
City, State, Zip: Bedford, Mass. 01730  
Grade Organization: K-6  
Facilities:  
Initial Construction Date: 1960  
Dates of Additions or Changes: \_\_\_\_\_  
# Rooms, Instructional Use: 24  
# Rooms, Other Uses: 21  
TOTAL 45

<div> <div>School District # 023</div> <div>School # 010</div> </div>	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	10
# Students, Reduced Price:	0
TOTAL	10
% School Enrollment:	2.3
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

## STAFF ETHNIC CENSUS: 1973-74

[illegible]



STUDENT ETHNIC CENSUS: 1973-74							School District # 023 School # 010	
Total		White	Non-white	Black	Non-white			
					Native-American	Asian-American	Spanish Surname	
Number	436	425	11	8	0	3	0	
Percent	100.0	97.5	2.5	1.8		0.7		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	415	406	97.8	9	2.2
1970-1971	458	445	97.2	13	2.8
1972-1973	454	440	96.9	14	3.1

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+39	+9.4	
White	+34	+8.4	-0.9
Non-white	+5	+55.6	+40.9

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
School District:	Bedford
School Name:	Lt. Job Lane School
No. & Street:	Sweetwater Ave.
City, State, Zip:	Bedford, Mass. 01730
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1960
Dates of Additions or Changes:	
# Rooms, Instructional Use:	25
# Rooms, Other Uses:	15
TOTAL	40

1973-74 Federal Programs		School District # 023 School # 012
Title I:		
Type of Program:		
# of Students:		0
% School Enrollment:		
Lunch Program:		
# Students, Free:		10
# Students, Reduced Price:		0
TOTAL		10
% School Enrollment:		2.3
Bilingual Program:		
# Eligible Students:		
% School Enrollment:		0
METCO Interdistrict Program:		
# Students:		0
% School Enrollment:		

[illegible]



STUDENT ETHNIC CENSUS: 1973-74							School District # 023 School # 012	
	Total	White	Non-white	Black	Non-white			
					Native-American	Asian-American	Spanish Surname	
Number	435	419	16	12	0	4	0	
Percent	100.0	96.3	3.7	2.8		0.9		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment		Non-white		
	#	%	#	%	%
1967-1968	462	97.8	10	2.2	
1970-1971	485	97.1	14	2.9	
1972-1973	507	97.6	12	2.4	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+45	+9.7	
White	+43	+9.5	-0.2
Non-white	+ 2	+20.0	+9.1

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





# METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 023  
School # 015

1973-74  
School District: Bedford  
School Name: Nathaniel Page  
No. & Street: Page Road  
City, State, Zip: Bedford, Mass. 01730  
Grade Organization: K-5  
Facilities:  
Initial Construction Date: 1956  
Dates of Additions or Changes: 1969  
# Rooms, Instructional Use: 27  
# Rooms, Other Uses: 18  
TOTAL 45

1973-74  
Federal Programs  
Title I:  
Type of Program:  
# of Students: 0  
% School Enrollment:  
Lunch Program:  
# Students, Free: 7  
# Students, Reduced Price: 0  
TOTAL 7  
% School Enrollment: 1.3  
Bilingual Program:  
# Eligible Students: 0  
% School Enrollment:  
METCO Interdistrict Program:  
# Students: 0  
% School Enrollment:

STAFF ETHNIC CENSUS: 1973-74										
Professional Staff	Census		Age					Years in Present System		
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Position
TOTAL	30	100.0	3	10	10	5	7	14	7	Adminis- trators
White	30	100.0	3	10	10	5	7	14	7	Teachers
Black	0		0	0	0	0	0	0	0	Teacher Aides
Spanish Surname	0		0	0	0	0	0	0	0	Other
Asian-American	0		0	0	0	0	0	0	0	Profes- sionals
Native-American	0		0	0	0	0	0	0	0	
Other	0		0	0	0	0	0	0	0	



STUDENT ETHNIC CENSUS: 1973-74							School District # 023 School # 015	
	Total	White	Non-white	Black	Native-American	Non-white Asian-American	Spanish Surname	
Number	531	522	9	5	0	3	1	
Percent	100.0	98.3	1.7	0.9		0.6	0.2	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	424	418	98.6	6	1.4
1970-1971	476	471	98.9	5	1.1
1972-1973	489	481	98.4	8	1.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+ 65	+ 15.3	
White	+ 63	+ 15.1	-0.2
Non-white	+ 2	+ 33.3	+14.3

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 023	
School # 405	
1973-74	
Federal Programs	
Title I:	
Type of Program:	Project Plan
# of Students:	20
% School Enrollment:	3.3
Lunch Program:	
# Students, Free:	17
# Students, Reduced Price:	0
TOTAL	17
% School Enrollment:	2.8
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74

School District:	Bedford
School Name:	Bedford Jr. High
No. & Street:	McMahon Avenue
City, State, Zip:	Bedford, Mass. 01730
Grade Organization:	7-8
Facilities:	
Initial Construction Date:	1960
Dates of Additions or Changes:	1965, 1968
# Rooms, Instructional Use:	26
# Rooms, Other Uses:	31
TOTAL	57

## STAFF ETHNIC CENSUS: 1973-74

[illegible]



STUDENT ETHNIC CENSUS: 1973-74							School District # 023 School # 405	
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	612	601	11	9	0	2	0	
Percent	100.0	98.2	1.8	1.5		0.3		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White #	White %	Non-white #	Non-white %
1967-1968	550	541	98.4	9	1.6
1970-1971	622	619	99.5	3	0.5
1972-1973	637	623	97.8	14	2.2

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+ 87	+ 15.8	
White	+ 82	+ 15.2	- 0.6
Non-white	+ 5	+ 55.6	+37.5

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





# METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 023  
School # 505

1973-74  
School District: Bedford  
School Name: Bedford High  
No. & Street: Mudge Way  
City, State, Zip: Bedford, Mass. 01730  
Grade Organization: 9-12  
Facilities:  
Initial Construction Date: 1954  
Dates of Additions or Changes: 1960, 1965, 1968  
# Rooms, Instructional Use: 120  
# Rooms, Other Uses: 39  
TOTAL 159

1973-74  
Federal Programs  
Title I:  
Type of Program:  
# of Students: 0  
% School Enrollment:  
Lunch Program:  
# Students, Free: 17  
# Students, Reduced Price: 0  
TOTAL 17  
% School Enrollment: 1.2  
Bilingual Program:  
# Eligible Students: 0  
% School Enrollment:  
METCO Interdistrict Program:  
# Students: 0  
% School Enrollment:

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	110	100.0	8	37	45	6	12	64	20	11	82	1	16
White	105	95.5	8	35	43	6	11	62	19	11	78	1	15
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	0.9	0	1	0	0	0	1	0	0	1	0	0



School District # 023  
School # 505

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Non-white	
				Black	Native-American Asian-American Spanish Surname
Number	1,362	1,242	120	58	11 49
Percent	100.0	91.2	8.8	4.3	0.1 0.8 3.6

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	1,008	993	98.5	15	1.5
1970-1971	1,300	1,290	99.2	10	0.8
1972-1973	1,337	1,299	97.2	38	2.8

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+ 329	+ 32.6	
White	+ 306	+ 30.8	-1.3
Non-white	+ 23	+153.3	+86.7

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972				
Post High School Placement	Class of			
	1968		1972	
	#	%	#	%
4-yr. State College	26	13.7	53	17.2
4-yr. Other College	65	34.2	84	27.1
2-yr. State College	5	2.6	31	10.0
2-yr. Other College	13	6.8	12	3.9
Nurses Training	0		6	1.9
Other Post Secondary	30	15.8	7	2.3
Military	6	3.2	5	1.6
Work	41	32.8	49	15.9
Other	4	2.1	62	20.0
TOTAL	190	100.0	309	100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



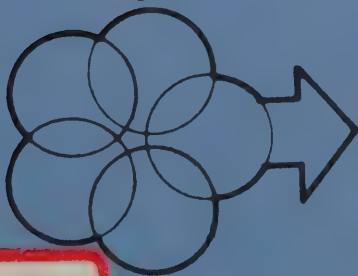


# METRO WAYS TO UNDERSTANDING

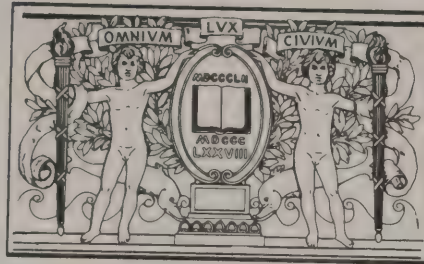
A PLAN FOR THE VOLUNTARY ELIMINATION OF  
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS  
OF THE BOSTON METROPOLITAN AREA

## VOLUME III COMMUNITY PROFILES

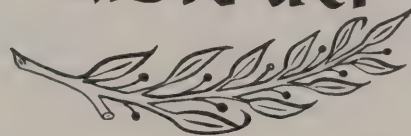
TOWN OF  
BELMONT



THE METROPOLITAN PLANNING PROJECT



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METRO WAYS TO UNDERSTANDING:

A Plan for the Voluntary Elimination of  
Racial and Ethnic Isolation in the Schools of  
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 026  
Town of Belmont

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1973-74

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## ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socioeconomic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.



During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METROETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMENT - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

#### ACKNOWLEDGEMENT

I wish to thank Dr. Forbes Bottomly for his encouragement and support of this research approach; Edward Feinman and Leslie S. May who, together with the Support Research Staff and myself, developed the analyses in Volume II RESOURCES FOR IMPLEMENTATION and Volume III COMMUNITY PROFILES. Our grateful appreciation to Mrs. Helen Taggart who formatted and typed the research materials.

Marcia Marker Feld,  
Executive Director

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Dr Forbes Bottomly

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## INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn



There are also Profiles for each of the following regional school districts:

Dover-Sherborn  
Experimental School System of the Commonwealth of Massachusetts  
Hamilton-Wenham  
Lincoln-Sudbury  
North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.

## NOTES AND SOURCES FOR THE COMMUNITY PROFILES

### EDUCATIONAL CHARACTERISTICS

#### PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT

By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

#### PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

#### PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:

The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74;  
Institute for Educational Services, Inc., "Survey on Collaboration", 1971;  
Metropolitan Planning Project Support Research Component Telephone Survey, 1974;  
Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidescope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR  
Level and Type of School by Race  
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidescope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts



State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:  
 $(50-75)/75 = (-25)/75 = -0.33$ .

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".



PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

Concord (Concord-Carlisle Regional High School)  
Dover (Dover-Sherborn Regional High School)  
Hamilton (Hamilton-Wenham Regional High School)  
Lincoln (Lincoln-Sudbury Regional High School)  
Middleton (Masconomet Regional High School)  
Nahant (all Nahant high school students attend high schools in Lynn)  
Norfolk (King Philip Regional High School)  
Sherborn (Dover-Sherborn Regional High School)  
Sudbury (Lincoln-Sudbury Regional High School)  
Topsfield (Masconomet Regional High School)  
Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the  $R^2$  (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast --  $R^2$ 's of .8 or .9 are very reliable,  $R^2$ 's of .5, .6, or .7 are good, and  $R^2$ 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary

Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group, Fall, 1974. Since this information was collected from selected school districts, data was only available for 68 of the 83 Boston metropolitan area districts. MPP support research staff contacted the remaining districts to complete the survey. The following school districts provided this information:

Cohasset  
Dover  
Dover-Sherborn Regional High School  
Experimental School System of the Commonwealth of Massachusetts  
Hamilton-Wenham Regional High School  
Holbrook  
Manchester  
Nahant  
Topsfield  
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland  
Beverly  
Braintree  
Cohasset  
Experimental School System of the Commonwealth of Massachusetts  
Framingham  
Hamilton-Wenham Regional High School  
Manchester  
Medfield  
Medford  
Middleton  
Millis  
Nahant  
Norfolk  
Pembroke  
Saugus  
Sherborn  
Sudbury  
Topsfield  
Walpole



The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

#### PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

#### PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized



tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

#### PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

#### PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

#### PAGE 5 - PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference



between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to  $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$ . If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

#### PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal  $(75-50)/50 = 25/50 = +50\%$ . If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

#### PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

#### PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000 ( $\$100,000 - \$50,000$ ). The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to  $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$ . If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal  $(75-50)/50 = 25/50 = +50\%$ . If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph



is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:  
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

#### PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

#### PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.

PAGE 10 - 1970 CENSUS:  
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 - 1970 CENSUS:  
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"



is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY  
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.

PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES  
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER  
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.



Information on families includes all those people living in the same household who are related to the head by blood, marriage, or adoption. Information on unrelated individuals includes all members of a household who are not related to anyone else in the household or a person living in group quarters who is not an inmate of an institution. An N.A. indicates that this information was not available for the school district.

PAGE 13 -            1970 CENSUS: EMPLOYMENT STATUS BY RACE  
                    of Persons 16 Years of Age and Over in Labor Force

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 54, "Population 16 Years Old and Over by Labor Force Status, Selected Characteristics, and Sex". This information was based on a 20 percent sample survey. The employment or labor force status of persons over 16 is recorded by the U.S. Bureau of the Census in three categories: "In Labor Force", "In Armed Forces", and "Not in Labor Force". The information in this table covers only those people in the labor force, and this category is broken down into those who are "Employed" and those who are "Unemployed". Since the number and percent "Unemployed" is only based on those people in the labor force, it is an undercount of actual unemployment in a community. The "Total" is of those people 16 years and over in the labor force. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total" column. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 14 -                            1970 CENSUS:  
                                    Number of Persons in Families and  
                                    Number of Unrelated Individuals with Income Less Than Poverty Level

The information on the number of "Persons in Families" below poverty level was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 83, "Aggregate Number of Persons in Families below Poverty Level".

The information on the "Number of Unrelated Individuals with Income Less Than Poverty Level" was obtained from the U.S. Department of Commerce, Bureau of the Census 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 89, "Unrelated Individuals by Age and Poverty Status". This information was based on a 20 percent sample survey. The number of persons in families and the number of unrelated individuals were totalled by the MPP support research staff to arrive at the total in this table.

The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 -

1970 CENSUS:

Number of Related Children Under 18 in Families  
Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,



or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

#### PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

#### LAND USE CHARACTERISTICS

##### PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

#### HOUSING CHARACTERISTICS

##### PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the

Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24. The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 -        1970 CENSUS: NUMBER OF HOUSING UNITS  
                 by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW  
                 Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION  
                 STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.



PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column.

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS  
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS:  
Average Number of  
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF  
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.



## NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

### PAGE 1 - SCHOOL DISTRICT #, SCHOOL #

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

### PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

### PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)

20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.  
They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.



PAGE 1 - 1973-74 FEDERAL PROGRAMS

The information on "Title I" programs in a school ("Type of Program", "# of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("# Students, Free"; "# Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)



PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include "White" students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:  
$$(50-75)/75 = (-25)/75 = -0.33.$$

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May





EDUCATIONAL CHARACTERISTICS

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non-white
Elementary	6	2,172	2,082	90
Junior High	1	1,197	1,176	21
High School	1	1,615	1,579	36
Special & Ungraded	1	69	66	3
Regional	0			
Vocational	0			
Total	9	5,053	4,903	150

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools					
Year	Total	Public		Non-public	
		#	%	#	%
1967-68	6,271	4,269	68.1	2,002	31.9
1970-71	5,654	4,830	85.4	824	14.6
1972-73	5,397	4,902	90.8	495	9.2

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Massachusetts Association of School Business Officials(MASBO); Massachusetts Bay Cooperative Data Study(MABCODS); Metropolitan Planning Project-Approving District	Metropolitan Council for Educational Opportunity, Inc.(METCO); Minuteman Vocational Technical High School

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)									
Level and Type of School	Total		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Nursery School									
Public	13	0.2	13	0.2	0		0		
Parochial	0		0		0		0		
Private	227	3.1	219	3.0	0		7	7.1	
Kindergarten									
Public	304	4.2	296	4.1	0		0		
Parochial	7	0.1	7	0.1	0		0		
Private	51	0.7	51	0.7	0		0		
Elementary (1-8)									
Public	2,781	38.3	2,739	38.2	20	42.6	46	46.9	
Parochial	471	6.5	471	6.6	0		0		
Private	243	3.3	243	3.4	0		21	21.4	
High School (1-4)									
Public	1,512	20.8	1,500	20.9	12	25.5	13	13.3	
Parochial	94	1.3	94	1.3	0		0		
Private	335	4.6	335	4.7	0		0		
College									
Public	228	3.1	222	3.1	0		0		
Private	1,002	13.8	981	13.7	15	31.9	11	11.2	

FEDERALLY-FUNDED PROGRAMS: 1973-74			
Program	# of Students	% Total Enrollment	
Title I	80		1.6
Title III	0		



EDUCATIONAL CHARACTERISTICS

RACIAL CENSUS: 1967-68; 1970-71; 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	4,361	4,322	99.1	39	0.9
1970-1971	4,806	4,716	98.2	87	1.8
1972-1973	4,944	4,812	97.3	132	2.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%		% Change in Proportional Distribution
TOTAL	+583		+13.4	
White	+490		+11.3	-1.8
Non-white	+93		+238.5	+200.0

STUDENT ETHNIC CENSUS: 1973-74						
	Total	Black	Non-white			Spanish Surname
			Native-American	Asian-American		
Number	5,053	67	5	60	18	
Percent	100.0	1.3	0.1	1.2	0.4	

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	12	3.8	57	15.1	
4-yr. Other College	158	50.5	143	37.8	
2-yr. State College	18	5.8	36	9.5	
2-yr. Other College	20	6.4	17	4.5	
Nurses Training	3	1.0	11	2.9	
Other Post Secondary	47	15.0	35	9.3	
Military	7	2.2	8	2.1	
Work	37	11.8	53	14.0	
Other	11	3.5	18	4.8	
TOTAL	313	100.0	378	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982					
Past Enrollments: 1964 - 1972					
Projected Enrollments: 1973 - 1982					
School Year Beginning in Fall of	Total K-12 (R <sup>2</sup> = .758 )	Total K-6 (R <sup>2</sup> = .552 )	Total 7-12 (R <sup>2</sup> = .842)	White K-12 (R <sup>2</sup> = .713)	Non-white K-12 (R <sup>2</sup> = .935 )
1964	4482.00	2439.45	2042.55	4453.00	29.0000
1965	4379.00	2396.00	1983.00	4379.00	0.0
1966	4401.00	2400.27	2000.73	4370.00	31.0000
1967	4361.00	2342.57	2018.43	4322.00	39.0000
1968	4473.00	2403.61	2069.39	4413.00	60.0000
1969	4636.00	2415.43	2220.57	4572.00	64.0000
1970	4775.00	2554.00	2221.00	4692.00	83.0000
1971	5037.00	2672.00	2365.00	4907.00	130.000
1972	4944.00	2580.52	2363.48	4812.00	132.000
1973	5013.52	2614.81	2398.71	4872.82	159.071
1974	5094.27	2644.35	2449.92	4938.05	177.444
1975	5175.02	2673.89	2501.13	5003.29	192.322
1976	5255.77	2703.44	2552.33	5068.52	203.767
1977	5336.52	2732.98	2603.54	5133.75	212.227
1978	5417.27	2762.52	2654.75	5198.99	218.298
1979	5498.02	2792.07	2705.95	5264.22	222.562
1980	5578.77	2821.61	2757.16	5329.45	225.513
1981	5659.52	2851.15	2808.37	5394.69	227.533
1982	5740.27	2880.70	2859.57	5459.92	228.908



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

EDUCATIONAL CHARACTERISTICS

NUMBER OF TEACHERS BY RACE: 1972-73										
Total	White		Non-White		Non-white					
					Black		Asian-American		Native-American	
	#	%	#	%	#	%	#	%	#	%
249	248	99.6	1	0.4	0		0		0	0.4

NUMBER OF TEACHERS, TEACHER AIDES AND OTHER PROFESSIONAL STAFF: 1973-74													
Staff Status	Total	White		Non-white		Non-white							
						Black		Asian-American		Native-American		Spanish Surname	
		#	%	#	%	#	%	#	%	#	%	#	%
Teachers	246	245	99.6	1	0.4	0		0		0		1	0.4
Teacher Aides	0												
Other Professional Staff	24	24	100.0	0									
Total	270	269	99.6	1	0.4	0		0		0		1	0.4





# METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

## EDUCATIONAL CHARACTERISTICS

SELECTED FINANCIAL CHARACTERISTICS								
Year	% Municipal Tax Spent on Education	Comprehensive Per Pupil Expenditure (in \$)				Public School Attending Children Transported at Public Expense		Computative Equalized Property Valuation per School Attending Child(in \$)
		Total	Elementary School	Junior High School	High School	#	%	
1967-68	42.9	700	673	660	811	892	20.9	37,634
1970-71	45.0	900	921	796	956	937	19.4	44,570
1972-73	49.0	1,185	1,095	1,228	1,282	1,207	24.6	51,140

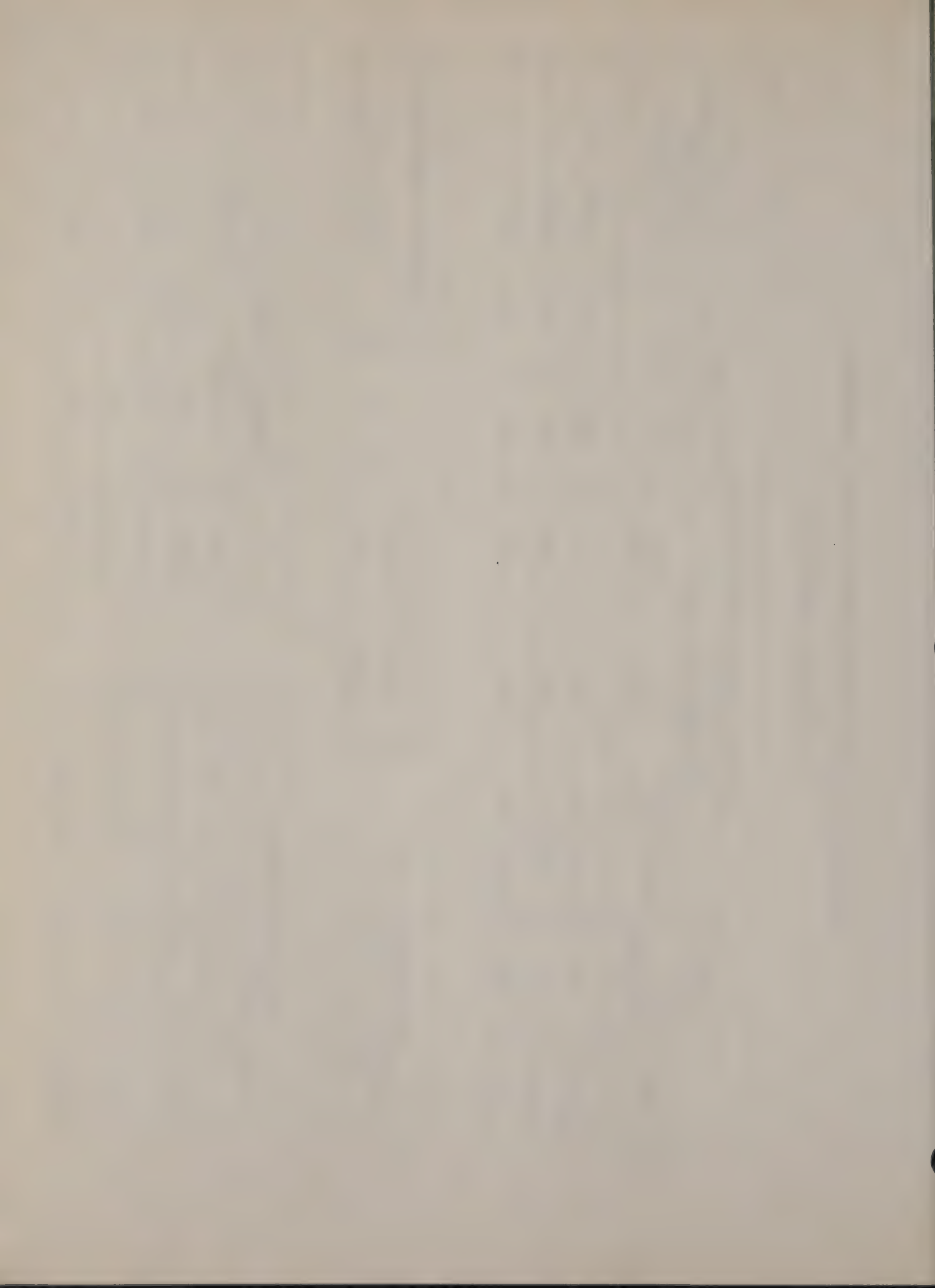
1973 TAX RATE	
Official	Equalized
49.00	45.57

1973 SCHOOL TAX RATE	
Official	Equalized
23.88	22.21

1973 MOODY'S BOND RATING	
Aa	

PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74		
	# of Lunch Program Students	% of Total Enrollment
TOTAL	130	2.6
Free	116	2.3
Reduced Price	14	0.3

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	0	
1970-71	36	0.7
1972-73	54	1.1
1973-74	61	1.2



EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73									
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
1967-68	3,301,649	2,585,836	78.3	450,122	13.6	124,486	3.8	9,421	0.3
1970-71	5,378,860	4,523,083	84.1	851,598	15.8	156,646	2.9	3,328	0.1
1972-73	8,122,473	6,058,364	74.6	1,909,558	23.5	151,611	1.9	1,559	0.0

Notes: \*The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72										
Changes in Public School Funds Provided 1967-72	Total		Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
	\$	%	\$	%	\$	%	\$	%	\$	%
	4,820,824	146.0	3,472,528	134.3	1,459,436	324.2	27,125	21.8	-7,862	-83.5

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72					
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	Federal Sources	Other School Districts
	-4.7		72.8	-50.0	-100.0





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73																
Year	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds		
		Administration		Instruction		Other*		%	\$	%	\$	%	\$	%	\$	%
		\$	%	\$	%	\$	%									
1967-68	3,301,649	101,396	3.1	2,294,031	69.5	664,706	20.1	101,358	3.1	0	27,223	0.8	112,935	3.4		
1970-71	5,378,860	146,587	2.7	3,340,430	62.1	881,405	15.1	1,000,292	18.6	2,154	19,655	0.4	58,337	1.1		
1972-73	8,122,473	176,639	2.2	4,588,690	56.5	1,113,564	13.7	1,729,895	21.3	81,362	45,642	0.6	386,681	4.8		

ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72												
Changes in Public School Funds Expended 1967-72	Total Public School Funds Applied \$	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies \$	Expenditures for Regional School Assessments \$	Expenditures of Federal Funds		Expenditures of Revolving Funds \$
		Administration		Instruction		Other*	Under- Fined					
		\$	%	\$	%							
		\$	%	\$	%							
	4,820,824	75,243	74.2	2,294,659	100.0	448,858	67.5	1,628,537	81,362	18,419	67.7	273,746
												242,444

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72						
Percent Change in Proportional Distribution of Expenditures 1967-72	Expenditures by School Committee			Expenditures for Services provided by Other Municipal Agencies	Expenditures of Federal Funds	Expenditures of Revolving Funds
	Administration	Instruction	Other*			
	-29.0	-18.7	-31.8	587.1	-25.0	41.2

Note: \*Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED									
Level and Years of School Completed	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
No School Year Completed	206	1.1	196	1.1	0		0		
Elementary: 1-4 years	295	1.6	295	1.6	0		6		4.3
5-6 years	441	2.4	432	2.4	9	34.6	15		10.9
7 years	238	1.3	238	1.3	0		7		5.1
8 years	1,134	6.3	1,134	6.3	0		6		4.3
High School: 1-3 years	2,058	11.4	2,038	11.4	5	19.2	0		
4 years	5,902	32.7	5,883	32.8	6	23.1	39		28.3
College: 1-3 years	2,896	16.0	2,882	16.1	6	23.1	24		17.4
4 years	2,266	12.5	2,258	12.6	0		0		
5 years or more	2,621	14.5	2,575	14.4	0		41		29.7
Total	18,057	100.0	17,931	100.0	26	100.0	138		100.0

MEDIAN SCHOOL YEARS COMPLETED			
Total Population	White	Black	Spanish-American
12.6	12.6	10.6	12.8





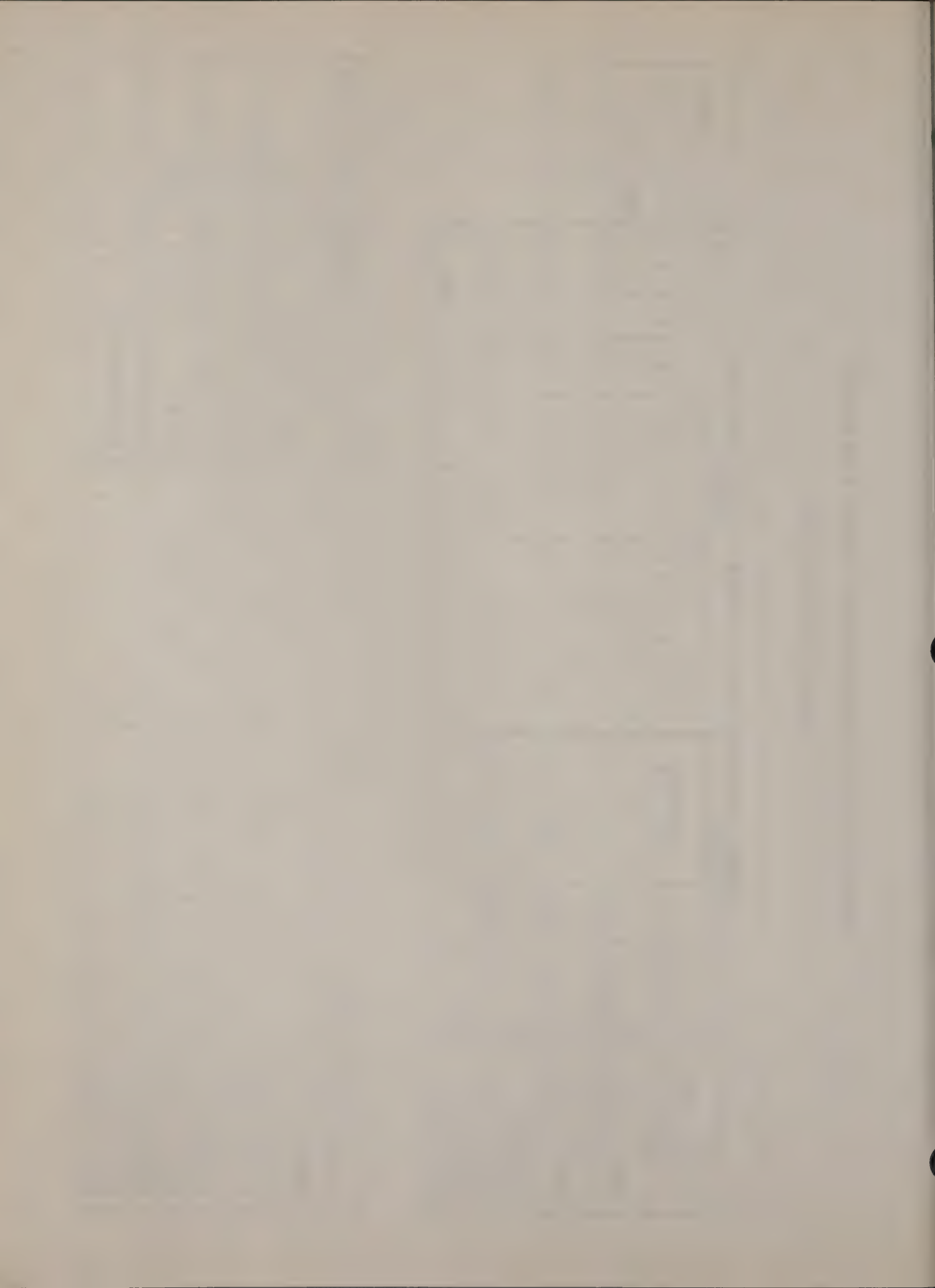
METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970															
Year	Total Population	Total Population						Non-White						Spanish Language	
		White		Non-white		Black		Native-American		Asian-American		Other			
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
		Not Available													
1960	28,715	28,640	99.7	75	0.3	27	0.1	1	0.0	44	0.2	3	0.1	Not Available	
1970	28,285	27,966	98.9	319	1.1	62	0.2	11	0.0	190	0.7	56	0.2		
1960-1970														249	0.9
Increase (+)															
Decrease (-)		-674	2.4	+244	325.3	+35	129.6	+10	1,000.0	+146	331.8	+53	1,766.7		
% Change in Proportional Distribution		-0.8		+266.7		+100.0		Undefined		+250.0		+100.0			

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970	
1960-70	
Increase (+) or Decrease (-)	-430
% Change 1960-70	
Increase (+) or Decrease (-)	-1.5
Balance of Births to Deaths	
Excess of Births (+)	
Excess of Deaths (-)	+1,160
Net Migration	
Excess of People Moving In (+)	
Excess of People Moving Out (-)	-1,590

1970 CENSUS: FERTILITY RATIO BY RACE	
Total Population	1.297:1
White	1.297:1
Black	0.400:1
Spanish-American	2.218:1



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILES # 026 BELMONT

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Household Population by Race			
Race	Total Population #	Population in Households	
		#	%
White	27,966	27,555	99.0
Black	62	N.A.	
Other	257	N.A.	
Total	28,285	27,871	100.0

1970 CENSUS: Number of Families by Sex of Family Head				
Family Head	Total Population	White	Black	Spanish-American
Male	6,862	6,808	9	56
Female	1,014	1,014	0	0
Total	7,876	7,822	9	56

1970 CENSUS: AGE DISTRIBUTION BY RACE									
Age	Total	White		Non-white		Non-white			
		#	%	#	%	#	%	#	%
Under 5	1,889	1,857	6.6	32	10.0	4	6.7	28	10.8
5 - 9	2,094	2,051	7.3	43	13.5	3	5.0	40	15.4
10 - 14	2,284	2,254	8.1	30	9.4	9	15.0	21	8.1
15 - 19	2,146	2,117	7.6	29	9.1	8	13.3	21	8.1
20 - 24	1,814	1,799	6.4	15	4.7	3	5.0	12	4.6
25 - 44	6,176	6,071	21.7	105	32.9	20	33.3	85	32.8
45 - 64	7,218	7,168	25.6	50	15.7	10	16.7	40	15.4
65 and Over	4,664	4,649	16.6	15	4.7	3	5.0	12	4.6
Total	28,285	27,966	100.0	319	100.0	60	100.0	259	100.0





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White	Black	Spanish-American
	#	%	#	#	#
Native of Native Parent	16,061	56.7	16,001	40	58
Foreign Stock	12,281	43.3	12,103	51	191
Total	28,342	100.0	28,104	91	249

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
Italy	2,694	21.9	
Canada	2,095	17.1	
Ireland	1,551	12.6	
U.S.S.R.	855	7.0	

1970 CENSUS: SPANISH POPULATION INDICATORS		
Indicators	# of Persons	% of Total Population
Spanish Origin or Descent	235	0.8
Puerto Rican Birth or Parentage	0	
Spanish Language	249	0.9

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English		
Mother Tongue	# of Persons	% of Total Population
Italian	2,772	9.8
German	692	2.4
French	561	2.0
Yiddish	392	1.4



## ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	3,522	28.9	3,473	28.7	6	23.0	31	30.1	
Managers and Administrators, except Farm	1,609	13.2	1,600	13.2	3	11.5	25	24.3	
Sales Workers	1,053	8.6	1,048	8.7	0		7	6.8	
Clerical and Kindred Workers	2,916	23.9	2,900	24.0	0		21	20.4	
Craftsmen, Foremen and Kindred Workers	967	7.9	960	7.9	3	11.5	6	5.8	
Operatives, except Transport	547	4.5	547	4.5	0		7	6.8	
Transport Equipment Operatives	209	1.7	209	1.7	0		0		
Laborers, except Farm	255	2.1	255	2.1	0		0		
Farmers and Farm Managers	0		0		0		0		
Farm Laborers and Foremen	28	0.2	28	0.2	0		0		
Service Workers, except Private Household	981	8.0	971	8.0	0		0		
Private Household Workers	107	0.9	93	0.8	14	53.8	6	5.8	
Total	12,194	100.0	12,084	100.0	26	100.8	103	100.0	





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE #026 BELMONT

ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS								
Year	Families			Unrelated Individuals				
	All	White	Black	Spanish-American	All	White	Black	Spanish-American
1960	\$8,372	N.A.	N.A.	N.A.	\$2,456	N.A.	N.A.	N.A.
1970	\$13,557	\$13,587	\$7,750	\$16,110	\$5,320	\$5,351	\$2,421	\$4,166

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force									
Employment Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	%
Employed	12,194	97.5	12,084	97.5	26	100.0	103	100.0	
Unemployed	311	2.5	311	2.5	0		0		
Total	12,505	100.0	12,395	100.0	26	100.0	103	100.0	



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

ECONOMIC CHARACTERISTICS

1970 CENSUS: Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level								
Family Status	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Persons in Families	688	61.6	653	60.6	0		0	
Unrelated Individuals	428	38.4	425	39.4	3	100.0	0	
Total	1,116	100.0	1,078	100.0	3	100.0	0	

1970 CENSUS: Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents								
Parental Presence	Total Population		White		Black		Spanish-American	
	#	%	#	%	#	%	#	%
Living with Both Parents	152	2.0	131	1.7	0		0	
Other	111	1.4	111	1.5	0		0	
Total	263	3.4	242	3.2	0		0	





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967					
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$	
Agriculture and Mining	4	112,890	23	4,908	
Construction	67	3,089,909	350	8,828	
Manufacturing	24	1,427,468	230	6,206	
Transportation, Communication, and Utilities	20	825,064	191	4,320	
Wholesale and Retail Trade	160	7,551,301	1,534	4,923	
Finance, Insurance, Real Estate	34	1,475,492	243	6,072	
Service Industries	140	2,645,486	586	4,514	
Total	449	17,127,610	3,157	5,425	



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972				
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$
Agriculture and Mining	6	332,239	34	9,772
Construction	51	3,884,720	354	10,974
Manufacturing	16	2,498,669	308	8,113
Transportation, Communication, and Utilities	19	1,454,688	214	6,798
Wholesale and Retail Trade	158	8,873,497	1,308	6,784
Finance, Insurance, Real Estate	35	2,742,197	313	8,761
Service Industries	156	4,176,810	675	6,188
Total	441	23,962,820	3,205	7,477

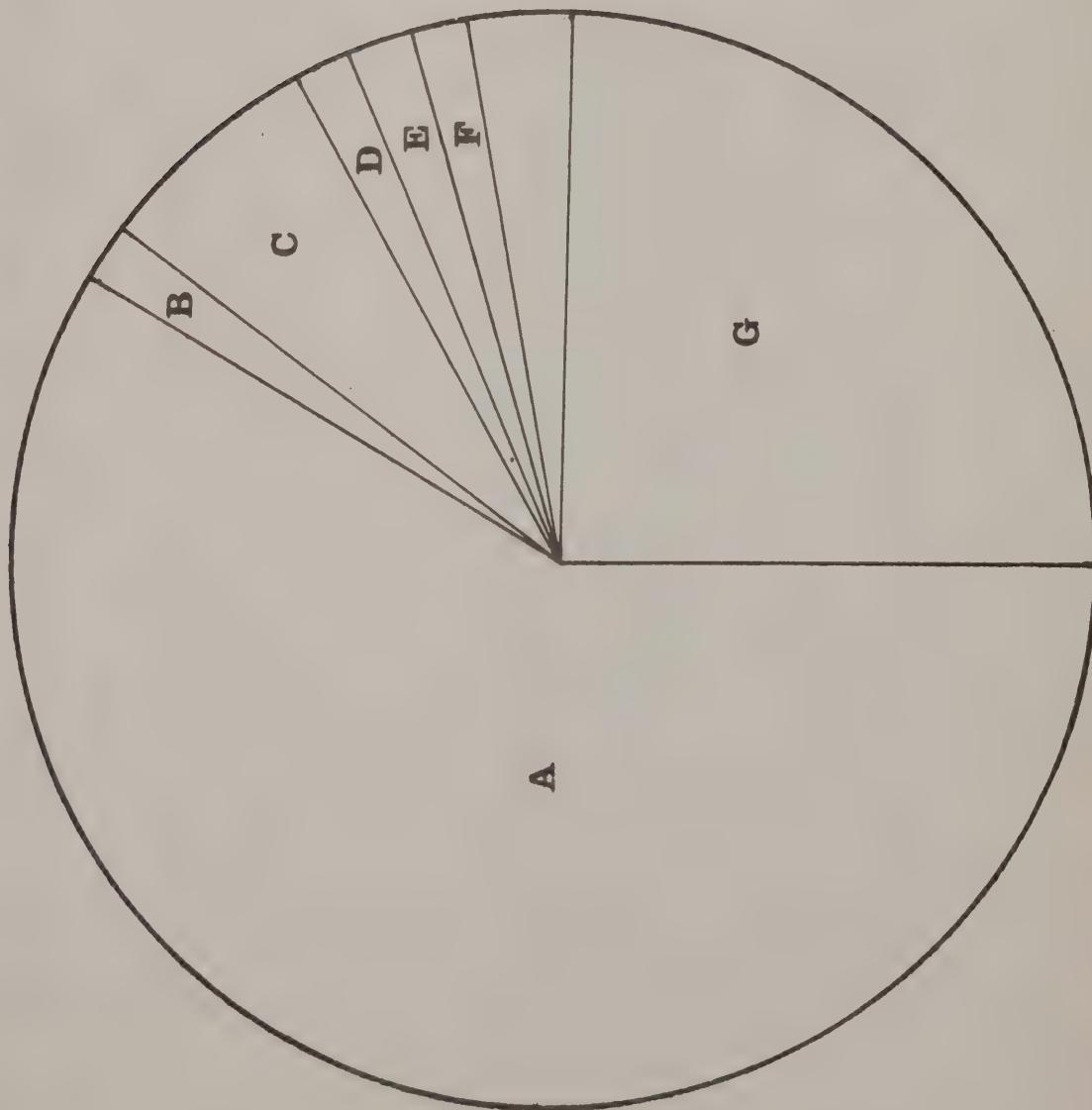




# METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE #026

1971 LAND USE PATTERN IN

## BELMONT



%

### LAND USE

A RESIDENTIAL

B COMMERCIAL

C RECREATIONAL

D PUBLIC INSTITUTIONS

E INDUSTRIAL

F VACANT LAND

G OTHER:

Transportation

Disposal Sites, Extractive

Agricultural and Forest

Water and Wetlands



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS											
Total Housing Units			Occupied Housing Units				Renter Occupied		Median Value Owner Occupied Unit		Median Contract Rent
Total	Vacant	Occupied	Total	Owner Occupied	Renter Occupied	Median Value Owner Occupied Unit	Median Contract Rent				
#	%	#	%	#	%	#	%	#	%	\$	\$
9,456	100.0	133	1.4	9,323	98.6	9,323	100.0	6,007	64.4	3,316	35.6
											132

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household							
Occupancy Status	Total		White Head of Household		Black Head of Household		
	#	%	#	%	#	%	
Owner Occupied	6,007	63.6	5,972	64.6	5	25.0	
Renter Occupied	3,316	35.1	3,267	35.4	15	75.0	
Vacant Year Round	127	1.3	Not Applicable				
Total	9,450	100.0	9,239	100.0	20	100.0	

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971	
Year Issued	Number
1960-1964	337
1965-1970	575
1971	25
Total	937





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973									
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA Low-Moderate Income Units	
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low	Moderate
Completed	180	80	100	0	0	0	0	0	0
Under Construction	0								
In Planning	80	80	0	0	0	0	0	0	0

1970 CENSUS: AGE OF HOUSING UNITS									
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units		
	#	%	#	%	#	%	#	%	
1965-March 1970	319	3.4							
1960-1964	307	3.2							
1950-1959	1,008	10.7							
1940-1949	822	8.7							
1939 or earlier	7,004	74.0							
Total	9,460	100.0	N.A.		N.A.		N.A.		



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS						
Persons per Room	by Race of Head of Household					
	Total Occupied Units		Black Occupied Units		Other Occupied Units	
	#	%	#	%	#	%
1.00 or less	9,118	97.8	20	100.0	9,098	97.8
1.01 to 1.50	177	1.9	0		177	1.9
1.51 or more	28	0.3	0		28	0.3
Total	9,323	100.0	20	100.0	9,303	100.0

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.0
Black Occupied Housing Units	N.A.
Other Occupied Housing Units	N.A.
Spanish-American Occupied Housing Units	3.6

1970 CENSUS: TYPE OF HOUSING STRUCTURE		
Type	# of Structures	% of Housing Units
1 Unit	4,561	48.2
2 Units	3,845	40.6
3-4 Units	770	8.1
5-9 Units	49	0.5
10 or more Units	235	2.5
Mobile Home or Trailer	0	
Total	9,460	100.0





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

HOUSING CHARACTERISTICS

1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner Occupied Units		Black Owner Occupied Units		Other Owner Occupied Units		Spanish-American Owner Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$5,000	0								
\$5,000 - \$7,499	0								
\$7,500 - \$9,999	0								
\$10,000 - \$12,499	5	0.1							
\$12,500 - \$14,999	0								
\$15,000 - \$17,499	24	0.6							
\$17,500 - \$19,999	51	1.2							
\$20,000 - \$24,999	339	8.1							
\$25,000 - \$34,999	1,258	30.2							
\$35,000 - \$49,999	1,636	39.3							
\$50,000 and over	853	20.5							
Total	4,166	100.0	N.A.		N.A.		N.A.		N.A.



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 026 BELMONT

HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter Occupied Units		Black Renter Occupied Units		Other Renter Occupied Units		Spanish-American Renter Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$30	13	0.4							
\$30 - \$49	50	1.5							
\$50 - \$69	6	0.2							
\$70 - \$89	73	2.2							
\$90 - \$119	250	7.6							
\$120 - \$149	773	23.5							
\$150 - \$199	1,324	40.2							
\$200 - \$249	485	14.7							
\$250 - \$299	63	1.9							
\$300 or more	124	3.8							
No Cash Rent	130	4.0							
Total	3,291	100.0	N.A.		N.A.		N.A.		





School District # 026  
School # 005

1973-74  
School District: Belmont  
School Name: Winn Brook  
No. & Street: 97 Waterhouse Road  
City, State, Zip: Belmont, Mass. 02178  
Grade Organization: K-5  
Facilities:  
Initial Construction Date: 1935  
Dates of Additions or Changes: 1941, 1958  
# Rooms, Instructional Use: 24  
# Rooms, Other Uses: 20  
TOTAL 44

School District # 026	
School # 005	
1973-74	
Federal Programs	
Title I:	
Type of Program:	0
# of Students:	0
% School Enrollment:	0
Lunch Program:	9
# Students, Free:	0
# Students, Reduced Price:	9
TOTAL	2.1
% School Enrollment:	0
Bilingual Program:	
# Eligible Students:	
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	13
% School Enrollment:	2.9

[illegible]



STUDENT ETHNIC CENSUS: 1973-74									
		Total	White	Non-white	Non-white				Spanish Surname
					Black	Native-American	Asian-American		
Number	436		423	13	8	0	5	0	
Percent	100.0		97.0	3.0	1.8		1.1		

School District # 026  
School # 005

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	438	436	99.5	2	0.5
1970-1971	627	607	96.8	20	3.2
1972-1973	421	407	96.7	14	3.3

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-17	-3.9	
White	-29	-6.7	-2.8
Non-white	+12	+600.0	+560.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
School District:	Belmont
School Name:	Mary Lee Burbank
No. & Street:	266 School St.
City, State, Zip:	Belmont, Mass. 02178
Grade Organization:	K-5
Facilities:	
Initial Construction Date:	1931
Dates of Additions or Changes:	
# Rooms, Instructional Use:	19
# Rooms, Other Uses:	15
TOTAL	34

School District # 026	
School # 010	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	7
# Students, Reduced Price:	1
TOTAL	8
% School Enrollment:	2.7
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	14
% School Enrollment:	4.7

[illegible]



STUDENT ETHNIC CENSUS: 1973-74							School District # 026 School # 010	
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	301	286	15	10	0	5	0	
Percent	100.0	95.0	5.0	3.3		1.7		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White	Non-white		
1967-1968	418	# 410	% 98.1	# 8	% 1.9
1970-1971	446	# 434	% 97.3	# 12	% 2.7
1972-1973	307	# 293	% 95.4	# 14	% 4.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-111	-26.6	
White	-117	-28.5	-2.8
Non-white	+6	+75.0	+142.1

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





1973-74	
Federal Programs	
Title I:	
Type of Program:	reading,
# of Students:	language arts
% School Enrollment:	35
Lunch Program:	9.7
# Students, Free:	24
# Students, Reduced Price:	1
TOTAL	25
% School Enrollment:	6.9
Bilingual Program:	0
# Eligible Students:	
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	12
% School Enrollment:	3.3

[illegible]



STUDENT ETHNIC CENSUS: 1973-74							School District # 026 School # 015	
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	362	344	18	11	0	7	0	
Percent	100.0	95.0	5.0	3.0		2.0		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	379	374	98.7	5	1.3
1970-1971	438	426	97.3	12	2.7
1972-1973	351	337	96.0	14	4.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-28	-7.4	
White	-37	-9.9	-2.7
Non-white	+9	+180.0	+207.7

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	026
School #	016
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	
# Students, Reduced Price:	
TOTAL	0
% School Enrollment:	
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74	School District:	Belmont
	School Name:	Guidance
	No. & Street:	Orchard Street
	City, State, Zip:	Belmont, Mass. 02178
	Grade Organization:	Ungraded
	Facilities:	
	Initial Construction Date:	1890
	Dates of Additions or Changes:	N.A.
	# Rooms, Instructional Use:	N.A.
	# Rooms, Other Uses:	
	TOTAL	

[illegible]



School District # 026  
School # 016

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	69	66	3	2	0	0	1
Percent	100.0	95.7	4.3	2.9			1.4

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	N.A.				
1970-1971	65	65	100.0	0	
1972-1973	84	82	97.6	2	2.4

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	Not Applicable	% Change in Proportional Distribution
TOTAL	N.A.		Not Applicable	
White	N.A.		Not Applicable	Not Applicable
Non-white	N.A.		Not Applicable	Not Applicable

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		





## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74		School District # 026
Federal Programs		School # 025
Title I:		
Type of Program:		reading
# of Students:		language arts
% School Enrollment:		45
		14.2
Lunch Program:		
# Students, Free:		6
# Students, Reduced Price:		4
	TOTAL	10
% School Enrollment:		3.2
Bilingual Program:		
# Eligible Students:		0
% School Enrollment:		
METCO Interdistrict Program:		
# Students:		13
% School Enrollment:		4.1

1973-74	School District:	Belmont
	School Name:	J.S. Kendall
	No. & Street:	Beech Street
	City, State, Zip:	Belmont, Mass. 02178
	Grade Organization:	K-5
	Facilities:	
	Initial Construction Date:	1914
	Dates of Additions or Changes:	1928
	# Rooms, Instructional Use:	20
	# Rooms, Other Uses:	18
	TOTAL	38

[illegible]



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District #	School #	026	025
1973-74			
Federal Programs			
Title I:			
Type of Program:		reading	
# of Students:		language arts	
% School Enrollment:		45	
Lunch Program:		14.2	
# Students, Free:		6	
# Students, Reduced Price:		4	
TOTAL		10	
% School Enrollment:		3.2	
Bilingual Program:		0	
# Eligible Students:			
% School Enrollment:			
METCO Interdistrict Program:			
# Students:		13	
% School Enrollment:		4.1	

1973-74  
School District: Belmont  
School Name: J.S. Kendall  
No. & Street: Beech Street  
City, State, Zip: Belmont, Mass. 02178  
Grade Organization: K-5  
Facilities:  
Initial Construction Date: 1914  
Dates of Additions or Changes: 1928  
# Rooms, Instructional Use: 20  
# Rooms, Other Uses: 18  
TOTAL 38

[illegible]





STUDENT ETHNIC CENSUS: 1973-74							School District # 026 School # 025	
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname	
Number	316	299	17	13	0	4	0	
Percent	100.0	94.6	5.4	4.1		1.3		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	510	508	99.6	2	0.4
1970-1971	522	507	97.1	15	2.9
1972-1973	347	333	96.0	14	4.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-163	-32.0	
White	-175	-34.4	-3.6
Non-white	+ 12	+600.0	+900.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	
% School Enrollment:	
Lunch Program:	
# Students, Free:	7
# Students, Reduced Price:	0
TOTAL	7
% School Enrollment:	2.6
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74	School District:	Belmont
	School Name:	Payson Park
	No. & Street:	260 Payson Road
	City, State, Zip:	Belmont, Mass. 02178
	Grade Organization:	K-5
	Facilities:	
	Initial Construction Date:	1904
	Dates of Additions or Changes:	1921, 1961
	# Rooms, Instructional Use:	19
	# Rooms, Other Uses:	13
	TOTAL	32

## STAFF ETHNIC CENSUS: 1973-74

Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3		10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
							1	4					
TOTAL	13	100.0	0	2	5	6	1	4	8	1	12	0	0
White	12	92.3	0	2	5	5	1	4	8	1	11	0	0
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	0		0	0	0	0	0	0	0	0	1	0	0





School District # 026  
School # 030

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	265	255	10	2	0	8	0
Percent	100.0	96.2	3.8	0.8		3.0	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	329	325	98.8	4	1.2
1970-1971	456	449	98.5	7	1.5
1972-1973	274	270	98.5	4	1.5

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-55	-16.7	
White	-55	-16.9	-0.3
Non-white	0	0.0	+25.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	
School District:	Belmont
School Name:	Roger E. Wellington
No. & Street:	121 Orchard Street
City, State, Zip:	Belmont, Mass. 02178
Grade Organization:	K-5
Facilities:	
Initial Construction Date:	1939
Dates of Additions or Changes:	1962, 1971
# Rooms, Instructional Use:	40
# Rooms, Other Uses:	29
TOTAL	69

School District #	School #	026	035
1973-74			
Federal Programs			
Title I:			
Type of Program:			
# of Students:		0	
% School Enrollment:			
Lunch Program:			
# Students, Free:		6	
# Students, Reduced Price:		0	
TOTAL		6	
% School Enrollment:		1.2	
Bilingual Program:			
# Eligible Students:		0	
% School Enrollment:			
METCO Interdistrict Program:			
# Students:		9	
% School Enrollment:		1.8	

[illegible]





School District # 026  
School # 035

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	492	475	17	11	0	6	0
Percent	100.0	96.5	3.5	2.2		1.2	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	school not opened				
1970-1971	school not opened				
1972-1973	388	382	98.5	6	1.5

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
TOTAL	#	%	% Change in Proportional Distribution
	+388	Not Applicable	
White	+382	Not Applicable	Not Applicable
Non-white	+6	Not Applicable	Not Applicable

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District #026  
School # 405

1973-74  
School District: Belmont  
School Name: W. L. Cheney Middle School  
No. & Street: Washington and Oakley  
City, State, Zip: Belmont, Mass. 02178  
Grade Organization: 6-8  
Facilities:  
Initial Construction Date: 1925  
Dates of Additions or Changes: 1931, 1951, 1968  
# Rooms, Instructional Use: 66  
# Rooms, Other Uses: 45  
TOTAL 111

School District #026	
School # 405	
1973-74	
Federal Programs	
Title I:	
Type of Program:	_____
# of Students:	0
% School Enrollment:	_____
Lunch Program:	_____
# Students, Free:	29
# Students, Reduced Price:	5
TOTAL	34
% School Enrollment:	2.8
Bilingual Program:	_____
# Eligible Students:	0
% School Enrollment:	_____
METCO Interdistrict Program:	_____
# Students:	0
% School Enrollment:	_____

[illegible]





School District # 026  
School # 405

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	1,197	1,176	21	4	0	10	7
Percent	100.0	98.2	1.8	0.3		0.8	0.6

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	1,019	1,013	99.4	6	0.6
1970-1971	1,120	1,110	99.1	10	0.9
1972-1973	1,206	1,186	98.3	20	1.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
	#	%	% Change in Proportional Distribution	
TOTAL	+187	+18.4		
White	+173	+17.1	-1.1	
Non-white	+14	+233.3	+183.3	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



# METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	School District: Belmont	School District # 026
	School Name: Belmont Senior High	School # 505
	No. & Street: 221 Concord Avenue	
	City, State, Zip: Belmont, Mass. 02178	
	Grade Organization: 9-12	
	Facilities:	
	Initial Construction Date: 1968	
	Dates of Additions or Changes:	
	# Rooms, Instructional Use: 112	
	# Rooms, Other Uses: 75	
	TOTAL: 187	

1973-74	School District: Belmont	School District # 026
	School Name: Belmont Senior High	School # 505
	No. & Street: 221 Concord Avenue	
	City, State, Zip: Belmont, Mass. 02178	
	Grade Organization: 9-12	
	Facilities:	
	Initial Construction Date: 1968	
	Dates of Additions or Changes:	
	# Rooms, Instructional Use: 112	
	# Rooms, Other Uses: 75	
	TOTAL: 187	

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	111	100.0	3	41	48	8	25	52	23	7	87	0	17
White	107	95.9	3	40	45	8	24	49	23	7	83	0	17
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	1.0	0	1	0	0	0	1	0	0	1	0	0





School District # 026  
School # 505

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Black	Non-white Native-American Asian-American Spanish Surname
Number	1,615	1,579	36	6	15
Percent	100.0	97.8	2.2	0.4	0.9
					0.6

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	959	947	98.7	12	1.3
1970-1971	1,132	1,121	99.0	11	1.0
1972-1973	1,566	1,522	97.2	44	2.8

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+607	+63.3	
White	+575	+60.7	-1.5
Non-white	+32	+266.7	+115.4

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	12	3.8	57	15.1	
4-yr. Other College	158	50.5	143	37.8	
2-yr. State College	18	5.8	36	9.5	
2-yr. Other College	20	6.4	17	4.5	
Nurses Training	3	1.0	11	2.9	
Other Post Secondary	47	15.0	35	9.3	
Military	7	2.2	8	2.1	
Work	37	11.8	53	14.0	
Other	11	3.5	18	4.8	
TOTAL	313	100.0	378	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		

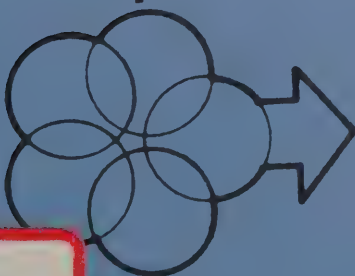


# **METRO WAYS TO UNDERSTANDING**

**A PLAN FOR THE VOLUNTARY ELIMINATION OF  
RACIAL AND ETHNIC ISOLATION IN THE SCHOOLS  
OF THE BOSTON METROPOLITAN AREA**

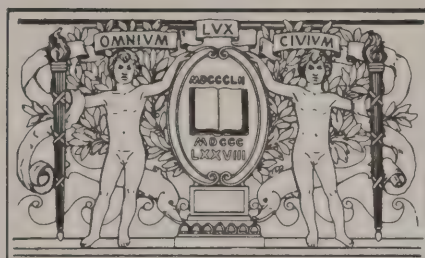
## **VOLUME III COMMUNITY PROFILES**

**CITY OF  
BEVERLY**

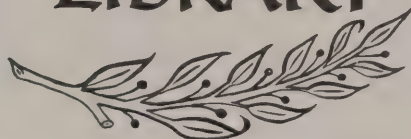


**THE METROPOLITAN PLANNING PROJECT**





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METRO WAYS TO UNDERSTANDING  
"A Plan for the Voluntary Elimination of  
Racial and Ethnic Isolation in the Schools of  
The Boston Metropolitan Area

VOLUME III THE COMMUNITY PROFILES

Community Profile # 030  
City of Beverly

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1973-74

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## ABSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston Metropolitan Area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U.S. Office of Education under the Emergency School Aid Act of 1972.

METROWAYS TO UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American, and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socio-economic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston standard metropolitan statistical area (SMSA). This information was developed as a needs analysis and resource inventory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. The Ten Year Plan METROWAYS TO UNDERSTANDING is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.

During the 1974-75 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality innovative educational programs which will be accessible to secondary school students of different socio-economic, racial, and ethnic background within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METROETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMENT - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

#### ACKNOWLEDGEMENT

I wish to thank Dr. Forbes Bottomly for his encouragement and support of this research approach; Edward Feinman and Leslie S. May who, together with the Support Research Staff and myself, developed the analyses in Volume II RESOURCES FOR IMPLEMENTATION and Volume III COMMUNITY PROFILES. Our grateful appreciation to Mrs. Helen Taggart who formatted and typed the research materials.

Marcia Marker Feld,  
Executive Director



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Dr Forbes Bottomly

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## INTRODUCTION TO THE NOTES AND SOURCES FOR THE COMMUNITY PROFILES

The Community Profiles were developed for the 78 municipalities that comprise the study area of the Metropolitan Planning Project (MPP). The study area is defined as the 1963 Boston standard metropolitan statistical area (SMSA) boundaries. The Profiles were prepared to meet the mandate of Objective B of the Support Research component of the MPP proposal. This mandate is:

To develop profiles and analysis of social, ethnic, economic, and educational characteristics of the metropolitan area and of its individual communities.

The purpose of these profiles are to serve as the data base for the Ten Year Plan and to develop information for the implementation of educational programs through the analyses of the interaction between the education system and related urban functional systems.

A Community Profile was developed for each of the following cities and towns:

Arlington	Lexington	Randolph
Ashland	Lincoln	Reading
	Lynn	Revere
Bedford	Lynnfield	Rockland
Belmont		
Beverly	Malden	Salem
Boston	Manchester	Saugus
Braintree	Marblehead	Scituate
Brookline	Marshfield	Sharon
Burlington		Sherborn
	Medfield	Somerville
Cambridge	Medford	Stoneham
Canton	Melrose	Sudbury
Chelsea	Middleton	Swampscott
Cohasset	Millis	
Concord	Milton	Topsfield
Danvers	Nahant	Wakefield
Dedham	Natick	Walpole
Dover	Needham	Waltham
Duxbury	Newton	Watertown
	Norfolk	Wayland
Everett	North Reading	Wellesley
	Norwell	Wenham
Framingham	Norwood	Weston
		Westwood
Hamilton	Peabody	Weymouth
Hanover	Pembroke	Wilmington
Hingham		Winchester
Holbrook	Quincy	Winthrop
Hull		Woburn

There are also Profiles for each of the following regional school districts:

Dover-Sherborn  
Experimental School System of the Commonwealth of Massachusetts  
Hamilton-Wenham  
Lincoln-Sudbury  
North Shore Regional Vocational

The information in the Community Profiles assess the needs and resources of each community. It is helpful in planning for the future of each school system as well as in the development of educational curricula and programs. These will utilize school and community based resources for metropolitan educational programs for the elimination of racial and ethnic student isolation in the school districts of the SMSA. More detailed analyses of each of these communities, including a series of tables comparing these school districts and an "Analyses of Grouped Communities", are found in earlier Volumes.

These notes were prepared so that persons interested in obtaining further detailed information or in updating present data can easily do so. The source of the information and where it is located is given for each table. Non-classified government information is available by public law to all persons. This includes individual public school records as well as municipal, county, state, and federal data.

There are two sections of the Community Profiles. The first section, Community Profiles, displays educational and educational-related information about the community. The second section, Individual School Profiles, displays educational information about each individual school in the district. The page number at the beginning of a table corresponds to the page number of the Community Profile. Each Individual School Profile is 2 pages and notes for the tables are consistent with this format.

## NOTES AND SOURCES FOR THE COMMUNITY PROFILES

### EDUCATIONAL CHARACTERISTICS

#### PAGE 1 - NUMBER OF SCHOOLS AND ENROLLMENT

By Type of School: 1973-74

The information on the total number of schools in a school district, as well as the number of Elementary, Junior High, High Schools, Special and Ungraded, Regional, and Vocational Schools in a district, were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74. This publication lists the name, address, and grade organization of each school in the Commonwealth. It notes which schools are Special, Ungraded, Regional, or Vocational. Elementary Schools are those schools composed of one or all the grades K through 5 or grades K through 6. Junior High Schools are those schools composed of one or all the grades 6 through 8; schools with grades 5-6, 5-7, 5-8, and 7-9 are counted as Junior High Schools. High Schools are those schools composed of one or all of the grades 9 through 12.

The "Total", "White", and "Non-white" enrollments for each type of school were obtained from a survey conducted by the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The enrollments for all Elementary Schools, Junior High Schools, High Schools, Special and Ungraded Schools, Regional Schools, and Vocational Schools in a school district which is recorded in this table were totalled by the Metropolitan Planning Project (MPP) support research staff.

#### PAGE 1 - SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the State Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; and Annual Report ... June 30, 1973. The percentage of "Public" and "Non-public" school attending children were calculated by the MPP support research staff.

#### PAGE 1 - EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74

The educational collaboratives listed in this table were found in the following sources:



The Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory, 1973-74; Institute for Educational Services, Inc., "Survey on Collaboration", 1971; Metropolitan Planning Project Support Research Component Telephone Survey, 1974; Massachusetts State Department of Education, Division of Curriculum and Instruction, Kaleidescope 7, 1973,

Other educational collaboratives in the Boston metropolitan area were not available from these sources.

PAGE 1 - 1970 CENSUS: SCHOOL ENROLLMENT FOR  
Level and Type of School by Race  
(Population 3 - 34 years)

This information was obtained from the United States Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing. U.S. Census information is available in published monographs, which are available at libraries and governmental agencies, and on computer tapes. The data on computer tape is organized into sequences and each sequence is referred to as a "count". Within each "count", the data is subdivided into tables, and each table has been given a number and title. The information in this table was obtained from the 4th Count Population Summary Tapes for Massachusetts, Table 38, "Population 3 Years Old and Over Enrolled in School by Level and Type of School." This information was based on a 15 percent sample survey. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total" population column.

PAGE 1 - FEDERALLY-FUNDED PROGRAMS: 1973-74

The information on Title I students in each school district was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74". The Title III information was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title III ESEA, Kaleidescope 7, 1973 and the Metropolitan Planning Project support research staff telephone survey of Title III Program Directors, July-August, 1974. The percent total enrollment was calculated by dividing the number of students in Title I and III programs by the total number of students in the district during the 1973-74 school year. The total number of students was obtained from the Massachusetts

State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2.

The Title I and Title III programs are funded by the U.S. Office of Education and were enacted by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children." The Title III program "supports proposals to advance creativity in education."

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent (%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments was +50 and the 1967-68 enrollment was 50, the percent change would be +100 (+50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White"(or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:  
 $(50-75)/75 = (-25)/75 = -0.33$ .

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".



PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include white students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968; 1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. Some of the school districts are members of regional high schools so that information on their high school students would be included in the regional high school data. There is, therefore, no information recorded for the following school districts (the name of the regional high school their students attend is in parentheses):

Concord (Concord-Carlisle Regional High School)  
Dover (Dover-Sherborn Regional High School)  
Hamilton (Hamilton-Wenham Regional High School)  
Lincoln (Lincoln-Sudbury Regional High School)  
Middleton (Masconomet Regional High School)  
Nahant (all Nahant high school students attend high schools in Lynn)  
Norfolk (King Philip Regional High School)  
Sherborn (Dover-Sherborn Regional High School)  
Sudbury (Lincoln-Sudbury Regional High School)  
Topsfield (Masconomet Regional High School)  
Wenham (Hamilton-Wenham Regional High School)

If there was no information available on high school graduates in a particular district, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The districts which sent their high school students to regional schools in 1968 remained the same and, therefore, no information on 1972 high school graduates for these districts is recorded. In addition to these districts, there will be no information for Pembroke since their high school students now attend Silver Lake Regional High School. The percentages in the 1972 column may not add up to 100% because of rounding.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

PAGE 3 - PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982

Past Enrollments: 1964 - 1972

Projected Enrollments: 1973 - 1982

This information was prepared for the Metropolitan Planning Project by the Organization for Social and Technical Innovation, Inc. (OSTI).

These enrollment projections are based on time-series enrollment data from 1964 through 1972, obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation. The source of the historical enrollment data for the forecast categories "Total K-12", "Total K-6", "Total 7-12", "White K-12" and "Non-white K-12" was the superintendent's report entitled Census Report.

The numbers in parentheses under each forecast category represents the  $R^2$  (coefficient of determination) for that particular projected enrollment series. It is presented to indicate a rough sense of the reliability of each forecast --  $R^2$ 's of .8 or .9 are very reliable,  $R^2$ 's of .5, .6, or .7 are good, and  $R^2$ 's of .4 or less are unreliable. When the projections for subcategories (for example, "White K-12" and "Non-white K-12" are subcategories of "Total K-12") are totaled, they do not necessarily equal the projected enrollment figures for the total category. This is because each forecast category was projected independently from the others and the projections selected are not necessarily each derived from the same mathematical equation, since the best projection was selected for each forecast category largely independent of the projections selected for other forecast categories.

School districts with no projections presented or particular forecast categories left blank means the projection here was entirely unsuccessful, sometimes for mathematical reasons, sometimes because of missing years of historical data, and sometimes because of almost certain incorrect historical enrollment data.

PAGE 4 - NUMBER OF TEACHERS BY RACE: 1972-73

This information was obtained from the U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Directory of Public Elementary and Secondary



Schools in Selected Districts, Enrollment and Staff by Racial/Ethnic Group,  
Fall, 1974. Since this information was collected from selected school districts,  
data was only available for 68 of the 83 Boston metropolitan area districts.  
MPP support research staff contacted the remaining districts to complete the  
survey. The following school districts provided this information:

Cohasset  
Dover  
Dover-Sherborn Regional High School  
Experimental School System of the Commonwealth of Massachusetts  
Hamilton-Wenham Regional High School  
Holbrook  
Manchester  
Nahant  
Topsfield  
Wenham

An N.A. indicates that this information was not available for the school district. Spanish Surname teachers were placed in the "Non-white" category.

PAGE 4 - NUMBER OF TEACHERS, TEACHER-AIDES, AND OTHER PROFESSIONAL STAFF: 1973-74

This information was obtained from the U.S. Equal Employment Opportunity Commission, Elementary-Secondary Staff Information (EEO-5), October 1, 1973. Since this information was collected on a selected school district basis, the MPP support research staff surveyed the remaining districts to obtain this information. The following school districts provided this information:

Ashland  
Beverly  
Braintree  
Cohasset  
Experimental School System of the Commonwealth of Massachusetts  
Framingham  
Hamilton-Wenham Regional High School  
Manchester  
Medfield  
Medford  
Middleton  
Millis  
Nahant  
Norfolk  
Pembroke  
Saugus  
Sherborn  
Sudbury  
Topsfield  
Walpole

The "Other Professional Staff" category include the following staff positions: Officials, Administrators, Managers, Principals, Assistant Principals, Guidance Personnel, Psychologists, Librarians, Supervisors of Instruction, and all other professional staff. An N.A. indicates that this information was not available for the school district.

#### PAGE 5 - SELECTED FINANCIAL CHARACTERISTICS

The information on "% Municipal Tax Dollar Spent on Education" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973.

The "% Municipal Tax Dollar Spent on Education" was calculated by the MPP support research staff by dividing the school tax rate by the general tax rate. For example, if the school tax rate in a town was \$24 and the total tax rate was \$48, the "% Municipal Tax Dollar Spent on Education" would be 50% (24/48).

The information on "Comprehensive Per Pupil Expenditure" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Per Pupil Expenditures 1967-68; Per Pupil ... 1970-71; Per Pupil ... 1972-73. This per pupil expenditure is the integrated per pupil cost for the Regular Day, Vocational Day, and Special Education Programs and pro-rated Regional School Expenditures divided by the average membership of students in those programs.

The information on "Public School Attending Children Transported at Public Expense" was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. Discrepancies may appear in this table because the data received was unaudited.

The information on "Computative Equalized Property Valuation per School Attending Child" was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Aid to Massachusetts Cities and Towns, (Chapter 70 Amended), 1967-68; School Aid ... 1970-71; School Aid ... 1972-73. Computative equalized property valuation for any one year is equal to the equalized property valuation the previous calendar year divided by the number of school attending children for that school year. For example, the computative equalized valuation for 1967-68 is derived by dividing the equalized property valuation for 1966 by the number of school attending children for 1967-68.

#### PAGE 5 - TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official tax rate is equal to a city or town's budget needs divided by the assessed value (tax rate=budget needs/assessed value). The equalized

tax rate is equal to the town's budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized tax rate=budget needs/full market value). The tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

#### PAGE 5 - SCHOOL TAX RATE

This information was obtained from the Massachusetts Teachers Association, Background Data for Massachusetts School Districts 1973, Research Bulletin 734-9, 1973. The official school tax rate is equal to a city or town's school budget needs divided by the assessed value (school tax rate=school budget needs/assessed value). The equalized school tax rate is equal to the town's school budget needs divided by the true market value of property in a city or town, as determined by the Massachusetts Department of Corporations and Taxation (equalized school tax rate=school budget needs/full market value). The school tax rate indicates the number of dollars per \$1,000 of assessed valuation a person or corporation would be taxed on property owned.

#### PAGE 5 - 1973 MOODY'S BOND RATING

This information was obtained from Moody's Investor Service, Moody's Bond Record, December 1973. The bonds were rated by Moody's Investor Service in the following order, with the first rating assigned to the bonds judged to be of highest quality and the last rating assigned to bonds judged to be of lowest quality:

Aaa	Baa	Caa
Aa	Ba	Ca
A	B	C

The bonds in the A and Baa groups which Moody's determined had the strongest investment attributes were designated by the symbols A-1 and Baa-1.

#### PAGE 5 - PUBLIC SCHOOL STUDENTS Receiving Subsidized Lunches: 1973-74

This information was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table was calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number of the number of days schools were opened that month. The average number of lunches served per day in each school were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" was calculated by dividing the number of lunch program students by the 1973-74 total school district enrollments obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.



PAGE 5 - STUDENTS ENROLLED IN METCO

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students during the 1967-68 school year was obtained from the Massachusetts State Department of Education, Bureau of Equal Education Opportunity, "Recommendations for Funding of Plans Submitted Under Chapter 506 of the Acts of 1966," 1968. The 1970-71 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Fiscal Report, METCO 1970-71 Program". The 1972-73 information was obtained from the Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, "Memorandum to Rae Cecilia Kipp [Chairman, State Board of Education] from Charles L. Glenn and Cecilia M. DiBella, August 22, 1972. Subject: METCO Program for 1972-73." The information for the 1973-74 school year was obtained from the METCO files "Unpublished Student Enrollment Records", August, 1974. This information was obtained on a school by school basis; the schools figures were totalled by the MPP support research staff to develop the school district totals.

The "% of Total Enrollment" for the 1967-68; 1970-71; and 1972-73 school years were calculated by dividing the number of METCO students by the total number of students for that particular year. The total number of students for those school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial ... 1970; Racial ... 1973. The "% of Total Enrollment" for the 1973-74 school year was calculated by dividing the "# METCO Students" by the 1973-74 district enrollments obtained from the Massachusetts Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts.

PAGE 6 - PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

PAGE 6 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Provided 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Funds Provided", "Local Sources", and remaining categories from the 1967-68 dollar amounts. For example, if the total public school funds provided in 1972-73 were \$100,000 and the funds provided in 1967-68 were \$50,000, the absolute dollar change in revenues would be \$50,000 (\$100,000-\$50,000). The percent changes in revenues was calculated by dividing the difference



between the 1972-73 and 1967-68 funds provided by the 1967-68 amount. For example, if the 1972-73 total funds provided were \$100,000 and the 1967-68 funds provided were \$50,000, the percent "Change in Funds Provided" would be equal to  $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$ . If there were no funds provided during 1967-68 for any of the categories, the percent change in revenues is mathematically undefined. This is noted by the word Undefined.

#### PAGE 6 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72

These figures were calculated from the first table on page 6. The "Percent Change in Proportional Distribution of Revenues" was derived as follows:

The percent of revenues from "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures then this difference was divided by the percent "Local Sources", "Commonwealth Sources", and remaining categories for the 1967-68 school year.

For example, if the percent of revenues from local sources in 1967-68 were 50% and the percent of revenues from local sources in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Revenues: 1967-72" would equal  $(75-50)/50 = 25/50 = +50\%$ . If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution" is mathematically undefined. This is noted by the word Undefined.

#### PAGE 7 - PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73

This information was obtained from the Commonwealth of Massachusetts, Annual Report of the Department of Education for the Year Ending June 30, 1968; Annual Report ... June 30, 1971; Annual Report ... June 30, 1973. The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding.

#### PAGE 7 - ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72

These figures were calculated from the previous table. The dollar (\$) "Changes in Public School Funds Expended 1967-72" were calculated by subtracting the 1972-73 dollar amounts for "Total Public School Funds Applied", "Administration", and remaining categories from the 1967-68 dollar amounts. For example, if the "Total Public School Funds Applied" in 1972-73 were \$100,000 and the funds applied in 1967-68 were \$50,000, the absolute dollar change in expenditures would be \$50,000  $(\$100,000 - \$50,000)$ . The percent changes in expenditures was calculated by dividing the difference between the 1972-73 and 1967-68 funds expended by the 1967-68 amount. For example, if the 1972-73 total funds expended were \$100,000 and the 1967-68 funds expended were \$50,000, the percent "Changes in Public School Funds Expended" would be equal to  $(\$100,000 - \$50,000) / \$50,000 = \$50,000 / \$50,000 = +100\%$ . If there were no funds provided during 1967-68 for any of the categories, the percent change in expenditures is mathematically undefined. This is noted by the word Undefined.

PAGE 7 - PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72

These figures were calculated from the first table on page 7. The "Percent Change in Proportional Distribution of Expenditures" was derived as follows:

The percent of expenditures from "Administration", "Instruction", and remaining categories for the 1967-68 school year was subtracted from the 1972-73 school year figures. Then this difference was divided by the percent "Administration", "Instruction", and remaining categories for the 1967-68 school year.

For example, if the percent of expenditures for "Administration" in 1967-68 were 50% and the percent of expenditures for "Administration" in 1972-73 were 75%, the "Percent Change in Proportional Distribution of Expenditures: 1967-72" would equal  $(75-50)/50 = 25/50 = +50\%$ . If there is a percent change from 0 to any number, the "Percent Change in Proportional Distribution of Expenditures" is mathematically undefined. This is noted by the word Undefined.

PAGE 8 - 1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED.

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 42, "Population 25 Years Old and Over by Years of School Completed and Sex". This information was based on a 20% sample survey. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column. The "White" and "Black" figures may not equal the "Total Population" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 8 - MEDIAN SCHOOL YEARS COMPLETED

This information was calculated from the previous table, "1970 Census: Count of Persons 25 Years of Age and Over by Years of School Completed". This calculation was performed by the Massachusetts Institute of Technology (M.I.T.) Information Processing Center.

DEMOGRAPHIC CHARACTERISTICS

PAGE 9 - CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970

The information on the 1960 population was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23, Massachusetts, Tables 21, 25. This monograph



is available at libraries and governmental agencies. The "Asian-American" category includes only Chinese, Japanese, and Filipino. The percentages may not add up to 100 percent because of rounding.

The 1970 population figures were obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Massachusetts, PC (1) - C23, Tables 81, 102 and 1970 Census of Population, General Population Characteristics, Massachusetts, PC (1) - B23, Tables 23, 27, 31. The "Asian-American" category includes only Chinese, Japanese and Filipino. The "Other" category includes Hawaiians, Koreans, Aleuts, Eskimos, Malaysians, and Polynesians. The "Spanish Language" data was obtained from the 1970 U.S. Census "Persons of Spanish Language" category. Persons of "Spanish Language" were not considered a distinct racial group by the U.S. Bureau of the Census and were, therefore, not distributed in the "White" or "Non-white" categories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

The "1960-1970 Increase (+) Decrease (-)" figures were calculated by the MPP support research staff from the data in the first two rows of this table. The increase or decrease in the number (#) columns were derived by subtracting the 1970 population figures from the 1960 figures.

The increase or decrease in the percent (%) column were calculated by dividing the difference between the 1970 and 1960 population figures by the 1960 figures.

The "% Change in Proportional Distribution" was calculated as follows:  
The "% White", "% Non-white" and percentages for the other columns for 1970 were subtracted from the 1960 percentages. This difference was divided by the 1960 percentages and this is the figure that was recorded.

#### PAGE 9 - CENSUS POPULATION INCREASE OR DECREASE: 1960-1970

This information was obtained from the Massachusetts Department of Commerce and Development, Massachusetts Population 1970-1965-1960 and Population Movements in Massachusetts 1960-1970.

#### PAGE 9 - CENSUS: FERTILITY RATIO BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 44, "Females 15-44 Years Old by Marital Status, Number of Children and Age". This ratio tells how many children, on the average, a woman between the ages of 15 and 44 had in 1970. For example, a fertility ratio of 1.35:1 indicates that for that city or town (and for that racial grouping) the average number of children a woman between 15 and 44 would have would be 1.35. An N.A. indicates that this information was not available for the school district.

PAGE 10 - 1970 CENSUS:  
Household Population by Race

The information on "Total Population" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 1, "Race and Sex". The information on "Population in Households" was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 3, "Household Population by Age, Race and Sex". An N.A. indicates that this information was not available for the school district. The U.S. Bureau of the Census defines people who live in households as those people who occupy a group of rooms or a single room which constitutes a housing unit. All living arrangements other than households are classified as group quarters. Persons living in group quarters include, for example, those who are inmates of institutions and those living in rooming and boarding houses, communes or military barracks.

PAGE 10 - 1970 CENSUS:  
Number of Families by Sex of Family Head

The information on the number of families headed by females was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75 "Family Income". The number of families headed by males was calculated by the MPP support research staff by subtracting the number of female headed families from the total number of families. This information was based on a 20 percent sample survey. The U.S. Bureau of the Census defines a family as a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 10 - 1970 CENSUS: AGE DISTRIBUTION BY RACE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Second Count Summary Tapes for Massachusetts, Table 2, "Single Years of Age, Race, and Sex". The percentages were calculated by the MPP support research staff. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district.

PAGE 11 - 1970 CENSUS: NATIVITY AND PARENTAGE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 21, "Nativity and Parentage". This information was based on a 15 percent sample survey. A "Native of Native Parent"



is a person born in the United States, the Commonwealth of Puerto Rico or an outlying area of the United States whose parents were also born in the United States. "Foreign Stock" includes U.S. citizens who were foreign born as well as those people who were born in the U.S. but had one or more foreign born parents ("Foreign or Mixed Parentage"). The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 11 - 1970 CENSUS: MOST FREQUENT COUNTRY  
of Origin of Foreign Stock

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 22, "Country of Origin and Nativity". This information was based on a 15 percent sample survey. This table indicates the country of origin of the foreign stock population (foreign born and native of foreign or mixed parentage) in a city or town, with the information presented separately for foreign born and native of mixed parentage. These figures were totalled by the MPP support research staff to arrive at the number of persons recorded for each of the countries listed in this table. The countries listed are those which have the largest number of former citizens presently U.S. citizens residing in this community. The percent foreign stock population was calculated by dividing the number of foreign stock citizens from a particular country by the total number of foreign stock residents in that city or town. The total number of foreign stock residents was obtained from the previous table, "1970 Census: Nativity and Parentage".

PAGE 11 - 1970 CENSUS: SPANISH POPULATION INDICATORS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 24, "Spanish Indicators". The information on persons of "Spanish Origin or Descent" was derived from the question of whether a person's origin or descent was Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish. The information on persons of "Puerto Rican Birth or Parentage" includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or more parents born in Puerto Rico. Persons of "Spanish Language" comprise persons of Spanish mother tongue and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. Since a person of "Spanish Origin or Descent" may appear in two or more of these Spanish population indicators, these figures were not totalled to arrive at a total number of Spanish population residents in a city or town.

PAGE 11 - 1970 CENSUS: MOST FREQUENT MOTHER TONGUES  
Other Than English

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 23, "Mother Tongue and Nativity". This information was based on a 15 percent sample survey of which language was spoken in a person's home when he or she was a child. Since English is the most frequent mother tongue, information is only displayed for mother tongues other than English. This information is presented separately for foreign born and natives and these figures were totalled by the MPP support research staff to arrive at the figures presented in this table.

ECONOMIC CHARACTERISTICS

PAGE 12 - 1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER  
BY OCCUPATION

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 58, "Employed Population 16 Years Old and Over by Occupation". This information was based on a 20 percent sample survey. Each of the occupation categories shown on this table such as "Professional, Technical, and Kindred Workers" have been broken down into subcategories and the same information in this table is available for each of these subcategories. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Persons Employed" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Persons Employed" column.

PAGE 13 - MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS

The information on 1960 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1960 Census of Population, Volume I, Characteristics of the Population, Part 23 Massachusetts, Tables 33, 34, 76.

The information on the 1970 Median Income was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 75, "Family Income", and Table 76, "Income of Unrelated Individuals". This information was based on a 20 percent sample survey.



Information on families includes all those people living in the same household who are related to the head by blood, marriage, or adoption. Information on unrelated individuals includes all members of a household who are not related to anyone else in the household or a person living in group quarters who is not an inmate of an institution. An N.A. indicates that this information was not available for the school district.

PAGE 13 -                   1970 CENSUS: EMPLOYMENT STATUS BY RACE  
of Persons 16 Years of Age and Over in Labor Force

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 54, "Population 16 Years Old and Over by Labor Force Status, Selected Characteristics, and Sex". This information was based on a 20 percent sample survey. The employment or labor force status of persons over 16 is recorded by the U.S. Bureau of the Census in three categories: "In Labor Force", "In Armed Forces", and "Not in Labor Force". The information in this table covers only those people in the labor force, and this category is broken down into those who are "Employed" and those who are "Unemployed". Since the number and percent "Unemployed" is only based on those people in the labor force, it is an undercount of actual unemployment in a community. The "Total" is of those people 16 years and over in the labor force. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total" column. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American.

PAGE 14 -                   1970 CENSUS:  
Number of Persons in Families and  
Number of Unrelated Individuals with Income Less Than Poverty Level

The information on the number of "Persons in Families" below poverty level was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 83, "Aggregate Number of Persons in Families below Poverty Level".

The information on the "Number of Unrelated Individuals with Income Less Than Poverty Level" was obtained from the U.S. Department of Commerce, Bureau of the Census 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 89, "Unrelated Individuals by Age and Poverty Status". This information was based on a 20 percent sample survey. The number of persons in families and the number of unrelated individuals were totalled by the MPP support research staff to arrive at the total in this table.

The definition of poverty level income originated with the U.S. Social Security Administration in 1964 and was subsequently modified by a Federal Interagency Committee. This index provides a range of poverty income cutoffs adjusted by such factors as family size, family head, number of children under 18 years old, and farm and nonfarm residence, needed in order to maintain a nutritionally adequate food plan designed by the Department of Agriculture. In 1969, the poverty thresholds ranged from \$1,847 for a female unrelated individual 65 years old and over living on a farm to \$6,116 for a nonfarm family with a male head and with seven or more persons. The average poverty threshold for a nonfarm family of four headed by a male was \$3,745. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black", and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 14 -

1970 CENSUS:

Number of Related Children Under 18 in Families  
Below Poverty Level by Presence of Parents

This information was obtained from the 1970 U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Population Summary Tapes for Massachusetts, Table 92, "Related Children Under 18 Years Old in Families Below Poverty Level by Presence of Parents". This information was based on a 20 percent sample survey. The percentages were calculated by the MPP support research staff by dividing the number of children under 18 living in families below poverty level by the total number of children under 18 in that city or town. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total Population" because they do not include people of other racial backgrounds such as Asian-American and Native-American. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Population" column.

PAGE 15 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1967 by Area (City and Town) by Industry, 3 digit," unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational,



or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

PAGE 16 - CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972

This information was obtained from the Commonwealth of Massachusetts, Division of Employment Security, "Massachusetts Employment and Wages 1972 by Area (City and Town) by Industry, 3 digit", unpublished computer printouts. This information is on industrial establishments subject to the Massachusetts Employment Security Law, Chapter 151A of the General Laws, and generally excludes employment in nonprofit institutions organized for religious, charitable, educational, or scientific purposes; in domestic service; self employment and unpaid family service; and in governments. A definition of each major industry, such as "Agriculture and Mining", presented in this table, can be found in the following publication: The Commonwealth of Massachusetts, Division of Employment Security, Massachusetts Cities and Towns, Employment and Wages in Establishments Subject to the Massachusetts Employment Security Law by Major Industry Divisions 1967-1971, March, 1973.

LAND USE CHARACTERISTICS

PAGE 17 - LAND USE PATTERNS IN (CITY OR TOWN NAME)

The percentages measured on this pie chart were calculated from land use pattern information obtained from the Metropolitan Area Planning Council, Preliminary Single Purpose Plan Report, Land Use Numbers, Study Element Number 3.05 of the Southeastern New England Study, October 1973 (compiled for the New England River Basin Study). This report contained information on the number of acres in a city or town utilized for "Residential", "Commercial" and the other remaining categories. The MPP support research staff calculated the percentages that were used to develop the pie chart displayed in this table.

HOUSING CHARACTERISTICS

PAGE 18 - 1970 CENSUS: SELECTED HOUSING CHARACTERISTICS

This information was obtained from the U.S. Department of Commerce, Bureau of the

Census, 1970 Census of Population and Housing, 1970 Census of Housing, General Housing Characteristics, Massachusetts HC (1)-A23, Tables 1, 8, 18, 23, 24. The median value of owner occupied units does not include those that are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.

The U.S. Bureau of the Census defines a housing unit as a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. A housing unit was considered vacant if no one was living in it at the time the Census was taken unless its occupants were only temporarily absent. Median value was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. Median contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

PAGE 18 -           1970 CENSUS: NUMBER OF HOUSING UNITS  
by Occupancy Status and Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 26, "Occupancy/Vacancy Status". The total number of housing units in this table may be slightly lower than the total in the previous table because it does not include vacant migratory and seasonal units. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "White" and "Black" figures may not equal the "Total" column because they do not include people of other racial backgrounds such as Asian-American and Native-American. This information was based on a 20% sample survey.

PAGE 18 - BUILDING PERMITS ISSUED FOR NEW  
Dwelling Units: 1960-71

This information was obtained from the Massachusetts Department of Commerce and Development, City and Town Monograph. This is a separate monograph for each city and town in the Commonwealth of Massachusetts. These monographs, which contain other information on a city or town, are free to the public upon request.

PAGE 19 - NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF CONSTRUCTION  
STATUS: 1973

This information was obtained from the Metropolitan Area Planning Council, (MAPC) Subsidized Housing in the Boston Region as of December 31, 1973, and is available to the public upon request. The MAPC is the regional planning agency for the Boston metropolitan area; it studies the demographic, socio-economic, land use, and housing characteristics of the cities and towns in the Boston metropolitan area. MHFA refers to the Massachusetts Housing Finance Agency.



PAGE 19 - 1970 CENSUS: AGE OF HOUSING UNITS

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 8, "Year Structure Built, Tenure, and Race of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Housing Units" column. The "Other Occupied Housing Units" are occupied primarily by whites but may also be occupied by Asian-American, Native-American and other racial and ethnic group members. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White", and "Black" according to the Census definition so that the total of the "White" "Black" and "Spanish-American" columns will never equal the "Total Housing Units" column.

PAGE 20 - 1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS  
By Race of Head of Household

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, First Count Summary Tapes for Massachusetts, Table 30, "Persons per Room, Tenure and Race of Head". The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS: TYPE OF HOUSING STRUCTURE

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 9, "Units in Structure, Tenure, and Race, of Head". This information was based on a 20 percent sample survey. Since this information is based on a sample survey, the total number of housing units may not equal the total number of units recorded on other "Housing Characteristic" tables. This information is also available for Black and Spanish-American occupied units, both owner occupied and renter occupied. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding.

PAGE 20 - 1970 CENSUS:  
Average Number of  
Persons per Housing Unit

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 37, "Number of Persons in Unit, Tenure, and Race of Head". This information was based on a 20 percent sample survey. This information was calculated by the MPP support research staff by dividing the number of persons in housing units by the total number of housing units. The number of "Other Occupied Housing Units" was calculated by the MPP support research staff by subtracting the "Black Occupied Housing Units" column from the "Total Occupied Housing Units" column.

PAGE 21 - 1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF  
HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 52, "Value, Occupancy Status, and Race of Head". This information was based on a 20 percent sample survey. The value of an owner occupied unit was the owner's estimate of how much the property (house and lot) would sell for, if it were for sale. The number of "Other Owner Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Owner Occupied Units" column from the "Total Owner Occupied Units" column. The percentages may not add up to 100 percent because of rounding. An N.A. indicates that this information was not available for the school district. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" column will never equal the "Total Owner Occupied Units" column.

PAGE 22 - 1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD

This information was obtained from the U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and Housing, Fourth Count Housing Summary Tapes for Massachusetts, Table 19, "Gross Rent and Race of Head". This information was based on a 20 percent sample survey. "Monthly Gross Rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included plus the estimated average monthly cost of utilities and fuels, if these items are paid for by the renter in addition to rent. The number of "Other Renter Occupied Units" was calculated by the MPP support research staff by subtracting the "Black Renter Occupied Units" column from the "Total Renter Occupied Units" column. An N.A. indicates that this information was not available for the school district. The percentages may not add up to 100 percent because of rounding. The "Spanish-American" category includes people who are both "White" and "Black" according to the Census definition so that the total of the "White", "Black" and "Spanish-American" columns will never equal the "Total Renter Occupied Units" column.



## NOTES AND SOURCES FOR THE INDIVIDUAL SCHOOL PROFILES

### PAGE 1 - SCHOOL DISTRICT #, SCHOOL #

The school district and school number (#) which appear on the upper right hand box are code numbers which are used by the Massachusetts State Department of Education. These code numbers were obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

### PAGE 1 - 1973-74 SCHOOL DISTRICT; SCHOOL NAME; NO. & STREET; City, State, Zip; Grade Organization

This information was obtained from the Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School Directory 1973-74.

### PAGE 1 - FACILITIES

The information on a school's date of initial construction, date(s) of additions or changes, number of rooms for instructional use, and total number of rooms were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, School Building Inventory, Fall, 1973. There were fifty-eight types of school rooms listed on this form. Forty-two of these rooms were placed by the MPP support research staff in the "Instructional Use" category. These rooms are:

1. Art (General)
2. Arts and Crafts
3. Auditorium
4. Automotive
5. Bandroom
6. Biology Laboratory
7. Bookkeeping
8. Chemistry Laboratory
9. Child Care Center
10. Chorus Room
11. Classroom Regular, (Regular, Interchangeable)
12. Classroom (Seminar Room)
13. Corrective Room (Athletics)
14. Earth Science Laboratory
15. Field House
16. General Science Laboratory
17. Graphic Arts
18. Gymnasium
19. Home Economics (Food)

20. Home Economics (General)
21. Home Economics (Multi-purpose Living Center)
22. Ice Skating Rink
23. Instructional Media Center
24. Language Arts Laboratory
25. Library
26. Mathematics Laboratory
27. Mechanical Drawing
28. Metal Shop
29. Music Room (General)
30. Office Machines
31. Office Practice
32. Physics Laboratory
33. Power Mechanics Shop
34. Sewing Room
35. Shop (General)
36. Social Studies Laboratory
37. Special Education Remedial Rooms
38. Stenography Room
39. Swimming Pool
40. Television Room
41. Typing Room
42. Wood Shop

The remaining sixteen were placed in the "Other Uses" category.  
They are:

1. Administrative Office
2. Audio-Visual Workroom
3. Cafeteria
4. Data Processing
5. Guidance Office
6. Health Suite
7. Kitchen
8. Lavatories (Boys')
9. Lavatories (Girls')
10. Shower and Locker Rooms
11. Storage (Books)
12. Storage (Custodial Supplies)
13. Storage (General Instructional Supplies)
14. Student Activity Room
15. Teachers' Lounge
16. Teachers' Workroom

An N.A. indicates that this information was not available for the school.

The information on "Title I" programs in a school ("Type of Program", "# of Students") was obtained from the Massachusetts State Department of Education, Division of Curriculum and Instruction, Bureau of Curriculum Services, Title I ESEA, "Unpublished Title I Program Documents, 1973-74." The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of students in Title I programs by the total number of students in the school during the 1973-74 school year. The total number of students was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. This is the same total that appears in the "Student Ethnic Census: 1973-74" table on page 2. The Title I program is funded by the U.S. Office of Education and was legislated by the U.S. Congress as part of the 1965 Elementary and Secondary Education Act (ESEA). The Title I program provides assistance for "educationally deprived and neglected and delinquent children".

The information on students in the "Lunch Program" ("# Students, Free"; "# Students, Reduced Price") was obtained from the Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services Education, "Average Number of Lunches Served to Needy". The figures in this table were calculated by taking the number of needy students served lunches in a school during the month of January, 1974 and dividing this number by the number of days schools were opened that month. The "% School Enrollment" was calculated by the MPP support research staff, 1973-74, by dividing the number of "Lunch Program" students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on students eligible for the "Bilingual Program" was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of eligible bilingual students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.

The information on the number of METCO (Metropolitan Council for Educational Opportunities, Inc.) students was obtained from the METCO files, "Unpublished Student Enrollment Records", August, 1974. METCO is a state funded interdistrict transfer program which transports children from Boston to suburban school districts. The "% School Enrollment" was calculated by the MPP support research staff by dividing the number of METCO students by the 1973-74 school enrollment obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74.



This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, 1973-74 Professional Staff Survey. The figures in this table are not always an accurate total of the number of professional staff employed in a school because some staff members may not have filled in a survey. In addition, some staff members may have completed one section of the survey but not another section. As a result, the totals under the "Age", "Years in Present System", and "Position" columns may not be the same. The total number (#) of professional staff recorded in the "Census" column is the largest number of staff found in either the "Age", "Years in Present System", or "Position" categories. The "Total" number of professional staff members may be greater than the total number of "White", "Black", "Spanish Surname", "Asian-American", "Native-American", and "Other" professional staff members because some people who answered this survey did not indicate their racial or ethnic background. An N.A. indicates that this information was not available for the school.

The survey form had 24 different position codes. These positions were reclassified, by the MPP support research staff, under one of these four headings: "Administrators", "Teachers", "Teacher Aides", and "Other Professionals".

"Administrators" include the following positions:

1. Administrative Assistant
2. Assistant Director or Manager
3. Assistant or Vice-Principal
4. Assistant Superintendent
5. Assistant Supervisor
6. Director or Manager (Pupils or Programs)
7. Principal
8. Research
9. Superintendent

"Teachers" include:

1. Itinerant Teacher
2. Special Class Teacher (Handicapped)
3. Specialist (Reading, Speech, etc.)
4. Teacher

"Teacher Aides" include:

1. Teacher Aide

"Other Professionals" include:

1. Attendance Supervisor
2. Chairman or Department Head
3. Counselor
4. Librarian
5. Nurse
6. Other Professional or Technical Personnel
7. Psychologist
8. Psychometrist
9. Social Worker (Adjustment Counselor)
10. Supervisor or Consultant (Staff Improvement)



PAGE 2 - STUDENT ETHNIC CENSUS: 1973-74

This information was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Enrollment by Classification, Exhibit II, 1973-74. The figures in the "White" column include "White" students and students of racial backgrounds other than "Black", "Native-American", "Asian-American", and "Spanish Surname". "Spanish Surname" students were placed in the "Non-white" category.

PAGE 2 - RACIAL CENSUS: 1967-68; 1970-71; 1972-73

The information on the "Total", "White", and "Non-white" enrollments for these three school years were obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Racial Census, October, 1967; Racial Census, October, 1970; and Racial Census, October, 1972. The Racial Census does not indicate which students were considered "White" and which were considered "Non-white".

PAGE 2 - RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972

These figures were calculated from the previous table by the MPP support research staff. The figures under the number sign (#) column were calculated by subtracting from the "Total", "White" or "Non-white" enrollment for the 1972-73 school year, the "Total", "White" or "Non-white" enrollment for the 1967-68 school year. For example, if the 1972-73 total enrollment was 100 students and the 1967-68 enrollment was 50 students, the enrollment change would be +50(100-50) and this figure would appear in the appropriate box. The figures under the percent(%) column were derived by dividing the difference between the 1972-73 and 1967-68 enrollment by the 1967-68 enrollment. If the difference, for example, between the 1972-73 and 1967-68 enrollments were +50 and the 1967-68 enrollment were 50, the percent change would be +100(50/50). The figures under the "% Change in Proportional Distribution" column were calculated as follows:

The "% White" (or "% Non-white") for 1972-73 was subtracted from the "% White" (or "% Non-white") for 1967-68.

This difference was divided by the "% White" (or "% Non-white") for 1967-68 and this is the figure that was recorded. For example, if the "% White" in 1967-68 was 75% and the "% White" in 1972-73 was 50%, the "% Change in Proportional Distribution" would be calculated as follows:  
 $(50-75)/75 = (-25)/75 = -0.33$ .

Since the percent "Total Enrollment" is always 100%, no "% Change in Proportional Distribution" was calculated or recorded for "Total Enrollment". If there is a percent change from 0 to any number, the "% Change in Proportional Distribution" is mathematically undefined. This is noted by the word "Undefined".

PAGE 2 - FOLLOW-UP OF HIGH SCHOOL GRADUATES: 1968-1972

The information on the post high school placement of 1968 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of Graduating Class, 1969. The number of students in each of the various placement categories may not equal the total number of high school graduates because information on all placements was not available. If there was no information available on high school graduates in a particular school, this is noted by an N.A. in the first column (under the # sign). The information on the 1972 graduates was obtained from the Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Distribution of High School Graduates, Class of 1972, Fall 1973. The percentages in the 1972 column may not add up to 100% because of rounding. This table is only displayed for high schools; the profiles for elementary and junior high schools do not have this table.

PAGE 2 - ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74

The number of students eligible for a transitional bilingual program was obtained from the Massachusetts State Department of Education, Bureau of Transitional Bilingual Education, Census of Children of Limited English Speaking Ability on October 1, 1973, under Chapter 71A, Act of 1971. This Census of all public school students is conducted each year in order to determine how many students are of limited English speaking ability as defined in Chapter 71A and, thus, eligible for transitional bilingual classes. The "Percent of Bilingual Enrollment" was calculated by the MPP support research staff by dividing the number of students in each language category, such as "Chinese" or "French" by the "Total" number of eligible bilingual students.

Leslie Steven May





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

EDUCATIONAL CHARACTERISTICS

NUMBER OF SCHOOLS AND ENROLLMENT By Type of School: 1973-74				
Type of School	Number of Schools	Enrollment		
		Total	White	Non-white
Elementary	13	4,158	4,084	74
Junior High	2	2,129	2,105	24
High School	1	1,753	1,737	16
Special & Ungraded	0			
Regional	0			
Vocational	1	299	299	0
Total	17	8,339	8,225	114

SCHOOL ATTENDING CHILDREN IN PUBLIC and Non-public Schools				
Year	Total	Public	Non-public	
		#	%	#
1967-68	9,804	7,840	80.0	1,964 20.0
1970-71	9,857	8,184	83.0	1,673 17.0
1972-73	9,414	7,968	84.6	1,446 15.4

EDUCATIONAL COLLABORATIVE PARTICIPATION 1973-74	
Massachusetts Association of School Business Officials (MASBO);	Metropolitan Planning Project-Approving District

1970 CENSUS: SCHOOL ENROLLMENT FOR Level and Type of School by Race (Population 3 - 34 years)									
Level and Type of School	Total		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	#
Nursery School									
Public	11	0.1	11	0.1	0		0		
Parochial	0		0		0		0		
Private	194	1.6	194	1.6	0		0		
Kindergarten									
Public	76	0.6	76	0.6	0		0		
Parochial	0		0		0		0		
Private	368	3.0	363	3.0	5	13.5	0		
Elementary (1-8)									
Public	5,417	44.7	5,385	44.7	32	86.5	16		34.0
Parochial	954	7.9	954	7.9	0		0		
Private	228	1.9	228	1.9	0		0		
High School (1-4)									
Public	2,515	20.8	2,515	20.9	0		16		34.0
Parochial	132	1.1	132	1.1	0		0		
Private	239	2.0	239	2.0	0		0		
College									
Public	448	3.7	448	3.7	0		8		17.0
Private	1,528	12.6	1,513	12.5	0		7		14.9

FEDERALLY-FUNDED PROGRAMS: 1973-74			
Program	# of Students	% Total Enrollment	
Title I	325		3.9
Title III	0		





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

EDUCATIONAL CHARACTERISTICS

RACIAL CENSUS: 1967-68; 1970-71; 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	7,826	7,794	99.6	32	0.4
1970-1971	8,232	8,184	99.4	48	0.6
1972-1973	7,981	7,935	99.4	46	0.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+155	+2.0	
White	+141	+1.8	-0.2
Non-white	+14	+43.8	+50.0

STUDENT ETHNIC CENSUS: 1973-74					
		Black	Native-American	Non-white	Spanish Surname
				Asian-American	
Number	8,339	43	2	21	48
Percent	100.0	0.5	0.0	0.3	0.6

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968; 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	68	13.7	90	14.1	
4-yr. Other College	84	17.0	91	14.3	
2-yr. State College	60	12.1	110	17.2	
2-yr. Other College	24	4.8	18	2.8	
Nurses Training	13	2.6	18	2.8	
Other Post Secondary	56	11.3	34	5.3	
Military	27	5.5	22	3.4	
Work	112	22.6	143	22.4	
Other	49	9.9	112	17.6	
TOTAL	495	100.0	638	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

EDUCATIONAL CHARACTERISTICS

PUBLIC SCHOOL STUDENT ENROLLMENTS: 1964 - 1982					
Past Enrollments: 1964 - 1972					
Projected Enrollments: 1973 - 1982					
School Year Beginning in Fall of	Total K-12	Total K-6	Total 7-12	White K-12	Non-white K-12
	(R <sup>2</sup> = .914)	(R <sup>2</sup> = .019)	(R <sup>2</sup> = .983)	(R <sup>2</sup> = .912)	(R <sup>2</sup> = .557)
1964	7247.00	3928.05	3318.94	7217.00	30.0000
1965	7552.00	4107.66	3444.34	7519.00	33.0000
1966	7631.00	4096.34	3534.66	7587.00	44.0000
1967	7826.00	4085.28	3740.72	7794.00	32.0000
1968	8050.00	4232.28	3817.71	8019.00	31.0000
1969	8067.00	4217.77	3849.22	8024.00	43.0000
1970	8213.00	4199.00	4014.00	8165.00	48.0000
1971	8263.00	4161.00	4101.99	8204.00	59.0000
1972	7981.00	3892.00	4089.00	7935.00	46.0000
1973	8190.81	4131.61	4180.62	8139.34	54.0833
1974	8202.85	4137.51	4229.30	8150.39	56.7666
1975	8211.14	4143.40	4271.29	8157.53	59.4499
1976	8216.85	4149.30	4307.41	8163.08	62.1332
1977	8220.78	4155.19	4338.38	8166.59	64.8166
1978	8223.48	4161.08	4364.88	8168.98	67.4999
1979	8225.34	4166.98	4387.51	8170.61	70.1832
1980	8226.62	4172.87	4406.80	8171.73	72.8665
1981	8227.50	4178.76	4423.22	8172.48	75.5499
1982	8228.10	4184.66	4437.19	8173.00	78.2332





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

EDUCATIONAL CHARACTERISTICS

NUMBER OF TEACHERS BY RACE: 1972-73										
Total	White		Non-White		Non-white					
					Black		Asian-American		Native-American	
	#	%	#	%	#	%	#	%	#	%
400	398	99.5	2	0.5	1	0.3	0		0	
									1	0.3

NUMBER OF TEACHERS, TEACHER AIDES AND OTHER PROFESSIONAL STAFF: 1973-74													
Staff Status	Total	White		Non-white		Non-white							
						Black		Asian-American		Native-American		Spanish Surname	
		#	%	#	%	#	%	#	%	#	%	#	%
Teachers	394	393	99.7	1	0.3	0		0		0		1	0.3
Teacher Aides	22	22	100.0	0									
Other Professional Staff	97	97	100.0	9									
Total	513	512	99.8	1	0.2	0		0		0		1	0.2
													0



## EDUCATIONAL CHARACTERISTICS

1973 MOODY'S BOND RATING

Aa

STUDENTS ENROLLED IN METCO		
Year	# METCO Students	% of Total Enrollment
1967-68	0	
1970-71	0	
1972-73	0	
1973-74	0	





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL REVENUES: 1967-68; 1970-71; 1972-73									
Year	Total Public School Funds Provided *	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
1967-68	5,182,555	4,100,188	79.1	981,033	18.9	111,599	2.2	27,608	0.5
1970-71	7,482,717	5,708,460	76.3	1,622,586	21.7	154,181	2.1	0	
1972-73	8,910,433	6,461,432	72.5	2,076,076	23.3	341,060	3.8	18,155	0.2
Notes: *The amount of Total Public School Funds Provided is not necessarily equal to the total of the Local, Commonwealth, Federal, and Other School District revenues because the total incorporates an adjustment figure reported in the annual budget for the beginning and ending balance.									

ABSOLUTE DOLLAR AND PERCENT CHANGES IN REVENUES: 1967-72									
Changes in Public School Funds Provided 1967-72	Total	Local Sources		Commonwealth Sources		Federal Sources		Other School Districts	
		\$	%	\$	%	\$	%	\$	%
	3,727,878	2,361,244	57.6	1,095,043	111.6	229,461	205.6	- 9,453	- 34.2

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF REVENUES: 1967-72				
% Change in Proportional Distribution of Revenue 1967-72	Local Sources		Commonwealth Sources	
	-		23.3	
	- 8.3		72.7	
			- 60.0	



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE #030 BEVERLY

EDUCATIONAL CHARACTERISTICS

PERCENT DISTRIBUTION OF SCHOOL EXPENDITURES: 1967-68; 1970-71; 1972-73															
Year	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction		Other*		\$	%	\$	%	\$	%	\$	%
		\$	%	\$	%	\$	%								
1967-68	5,182,555	111,326	2.1	3,211,349	62.0	721,195	13.9	826,834	16.0	0		32,893	0.6	278,958	5.4
1970-71	7,482,717	130,611	1.8	4,827,041	64.5	1,016,072	13.6	1,084,173	14.5	0		85,568	1.1	339,252	4.5
1972-73	8,910,433	159,927	1.8	5,911,336	66.3	1,307,708	14.7	932,944	10.5	8,841	0.1	170,070	1.9	419,607	4.7

ABSOLUTE DOLLAR AND PERCENT CHANGES IN EXPENDITURES: 1967-72															
Changes in Public School Funds Expended 1967-72	Total Public School Funds Applied	Expenditures by School Committee						Expenditures for Services provided by Other Municipal Agencies		Expenditures for Regional School Assessments		Expenditures of Federal Funds		Expenditures of Revolving Funds	
		Administration		Instruction		Other*		\$	%	\$	%	\$	%	\$	%
		\$	%	\$	%	\$	%								
	3,727,878	48,601	43.7	2,699,987	84.1	586,513	81.3	106,110	12.8	8,841	Undefined	137,177	417.0	140,649	50.4

PERCENT CHANGE IN PROPORTIONAL DISTRIBUTION OF EXPENDITURES: 1967-72									
Percent Change in Proportional Distribution of Expenditures 1967-72	Expenditures by School Committee			Expenditures for Services provided by Other Municipal Agencies	Expenditures for Regional School Assessments	Expenditures of Federal Funds	Expenditures of Revolving Funds		
	Administration	Instruction	Other*						
	- 14.3	6.9	5.8	- 34.4	Undefined	216.7	-13.0		

Note: \*Other includes the following categories: attendance, health service, pupil transportation, food services, athletics, other student-body activities, operation and maintenance of plant, fixed charges, community services, acquisitions of fixed assets, debt retirement and debt services, and programs with other districts.





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

EDUCATIONAL CHARACTERISTICS

1970 CENSUS: COUNT OF PERSONS 25 YEARS OF AGE AND OVER BY RACE AND YEARS OF SCHOOL COMPLETED									
Level and Years of School Completed	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
No School									
Year Completed	229	1.1	229	1.1	0		19	23.5	
Elementary:									
1-4 years	222	1.1	216	1.1	0		8	9.9	
5-6 years	506	2.5	496	2.4	0		0		
7 years	451	2.2	451	2.2	0		0		
8 years	1,512	7.4	1,508	7.4	0		9	11.1	
High School:									
1-3 years	3,535	17.3	3,507	17.3	13	23.6	0		
4 years	8,657	42.4	8,622	42.6	25	45.5	23	28.4	
College:									
1-3 years	2,810	13.8	2,783	13.7	12	21.8	7	8.6	
4 years	1,572	7.7	1,566	7.7	0		7	8.6	
5 years or more	901	4.4	884	4.4	5	9.1	8	9.9	
Total	20,395	100.0	20,262	100.0	55	100.0	81	100.0	

MEDIAN SCHOOL YEARS COMPLETED			
Total Population	White	Black	Spanish-American
11.9	11.9	12.2	11.4



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

DEMOGRAPHIC CHARACTERISTICS

CENSUS POPULATION BY RACE AND SPANISH LANGUAGE: 1960; 1970													
Year	Total Population	Total Population						Non-White					
		White		Non-white		Black		Native-American		Asian-American		Other	
		#	%	#	%	#	%	#	%	#	%	#	%
1960	36,108	36,007	99.7	101	0.3	30	0.1	8	0.0	60	0.2	3	0.0
1970	38,348	38,071	99.3	277	0.7	144	0.4	27	0.1	70	0.2	36	0.1
1960-1970 Increase (+) Decrease (-)		+2,064	0.1	+176	174.3	+114	380.0	+19	237.5	+10	16.7	+33	1100.0
% Change in Proportional Distribution		0.0		+157.1		+375.0		+250.0		+5.9		+800.0	
												142	0.4
												Not Available	

CENSUS POPULATION INCREASE OR DECREASE: 1960-1970		
1960-70		
Increase (+) or Decrease (-)		+2,240
% Change 1960-70		
Increase (+) or Decrease (-)		+6.2
Balance of Births to Deaths		
Excess of Births (+)		+3,689
Excess of Deaths (-)		
Net Migration		
Excess of People Moving In (+)		-1,449
Excess of People Moving Out (-)		

1970 CENSUS: FERTILITY RATIO BY RACE	
Total Population	1.409:1
White	1.412:1
Black	2.100:1
Spanish-American	0.789:1





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILES # 030 BEVERLY

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: Household Population by Race			
Race	Total Population #	Population in Households	
		#	%
White	38,071	36,871	99.3
Black	144	133	0.4
Other	133	128	0.3
Total	38,348	37,132	100.0

1970 CENSUS: Number of Families by Sex of Family Head					
Family Head	Total Population	White	Black	Spanish-American	
Male	8,436	8,406	15	33	
Female	940	936	4	0	
Total	9,376	9,342	19	33	

1970 CENSUS: AGE DISTRIBUTION BY RACE									
Age	Total	White		Non-white		Non-white			
		#	%	#	%	Black	%	Other	%
Under 5	3,100	3,063	8.0	37	13.4	21	14.6	16	12.0
5 - 9	3,887	3,846	10.1	41	14.8	23	16.0	18	13.5
10 - 14	4,036	4,019	10.6	17	6.1	11	7.6	6	4.5
15 - 19	4,050	4,025	10.6	25	9.0	11	7.6	14	10.5
20 - 24	2,861	2,836	7.4	25	9.0	11	7.6	14	10.5
25 - 44	8,619	8,535	22.4	84	30.3	43	29.9	41	30.8
45 - 64	7,960	7,934	20.8	26	9.4	12	8.3	14	10.5
65 and Over	3,835	3,813	10.0	22	7.9	12	8.3	10	7.5
Total	38,348	38,071	100.0	277	100.0	144	100.0	133	100.0



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

DEMOGRAPHIC CHARACTERISTICS

1970 CENSUS: NATIVITY AND PARENTAGE					
Nativity	Total Population		White		Black
	#	%	#	#	Spanish-American
Native of Native Parent	27,519	71.8	27,365	140	53
Foreign Stock	10,807	28.2	10,742	7	89
Total	38,326	100.0	38,107	147	142

1970 CENSUS: MOST FREQUENT COUNTRY of Origin of Foreign Stock			
Country of Origin	# of Persons	% Foreign Stock Population	
Canada	3,158	29.2	
Italy	2,597	24.0	
United Kingdom	1,237	11.4	
Ireland	1,072	9.9	

1970 CENSUS: SPANISH POPULATION INDICATORS		
Indicators	# of Persons	% of Total Population
Spanish Origin or Descent	404	1.1
Puerto Rican Birth or Parentage	6	0.0
Spanish Language	142	0.4

1970 CENSUS: MOST FREQUENT MOTHER TONGUES Other Than English		
Mother Tongue	# of Persons	% of Total Population
Italian	2,354	6.1
French	2,230	5.8
Polish	513	1.3
Yiddish	311	0.8





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

ECONOMIC CHARACTERISTICS

1970 CENSUS: NUMBER OF EMPLOYED PERSONS 16 YEARS OLD AND OVER BY OCCUPATION									
Occupation	Total Persons Employed		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Professional, Technical and Kindred Workers	3,030	19.4	3,005	19.3	13	43.3	8	17.4	
Managers and Administrators, except Farm	1,402	9.0	1,397	9.0	0		9	19.6	
Sales Workers	1,530	9.8	1,514	9.8	12	40.0	0		
Clerical and Kindred Workers	2,803	17.9	2,797	18.0	0		0		
Craftsmen, Foremen and Kindred Workers	2,246	14.4	2,242	14.4	0		0		
Operatives, except Transport	1,710	10.9	1,699	10.9	5	16.7	16	34.8	
Transport Equipment Operatives	269	1.7	269	1.7	0		0		
Laborers, except Farm	486	3.1	480	3.1	0		0		
Farmers and Farm Managers	11	0.1	11	0.1	0		0	0	
Farm Laborers and Foremen	21	0.1	21	0.1	0		13	28.3	
Service Workers, except Private Household	1,953	12.5	1,934	12.5	0		0		
Private Household Workers	166	1.1	166	1.1	0		0		
Total	15,627	100.0	15,535	100.0	30	100.0	46	100.0	



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

ECONOMIC CHARACTERISTICS

MEDIAN INCOME: 1960 CENSUS; 1970 CENSUS							
Year	Families			Unrelated Individuals			
	All	White	Black	Spanish-American	All	White	Black
1960	\$5,796	N.A.	N.A.	N.A.	\$1,558	N.A.	N.A.
1970	\$11,292	\$11,290	\$9,916	\$8,062	\$2,158	\$2,161	\$1,200
							\$4,062

1970 CENSUS: EMPLOYMENT STATUS BY RACE of Persons 16 Years of Age and Over in Labor Force									
Employment Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	
Employed	15,627	96.7	15,535	96.7	30	78.9	46	83.6	
Unemployed	533	3.3	525	3.3	8	21.1	9	16.4	
Total	16,160	100.0	16,060	100.0	38	100.0	55	100.0	





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

ECONOMIC CHARACTERISTICS

1970 CENSUS:									
Number of Persons in Families and Number of Unrelated Individuals with Income Less Than Poverty Level									
Family Status	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	%
Persons in Families	1,719	67.2	1,707	67.4	12	60.0	0		
Unrelated Individuals	839	32.8	826	32.6	8	40.0	0		
Total	2,558	100.0	2,533	100.0	20	100.0	0		

1970 CENSUS:									
Number of Related Children Under 18 in Families Below Poverty Level by Presence of Parents									
Parental Presence	Total Population		White		Black		Spanish-American		
	#	%	#	%	#	%	#	%	%
Living with Both Parents	438	3.3	438	3.3	0		0		
Other	505	3.8	494	3.7	11	0.1	0		
Total	943	7.1	932	7.0	11	0.1	0		



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

ECONOMIC CHARACTERISTICS

CHARACTERISTICS OF INDUSTRIAL FIRMS: 1967				
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$
Agriculture and Mining	9	120,312	29	4,149
Construction	96	4,285,655	574	7,466
Manufacturing	51	34,328,730	4,512	7,608
Transportation, Communication, and Utilities	16	1,696,051	253	6,704
Wholesale and Retail Trade	227	8,065,748	2,018	3,997
Finance, Insurance, Real Estate	39	1,329,060	263	5,053
Service Industries	137	2,345,254	647	3,625
Total	575	521,710,810	8,295	6,289





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

ECONOMIC CHARACTERISTICS

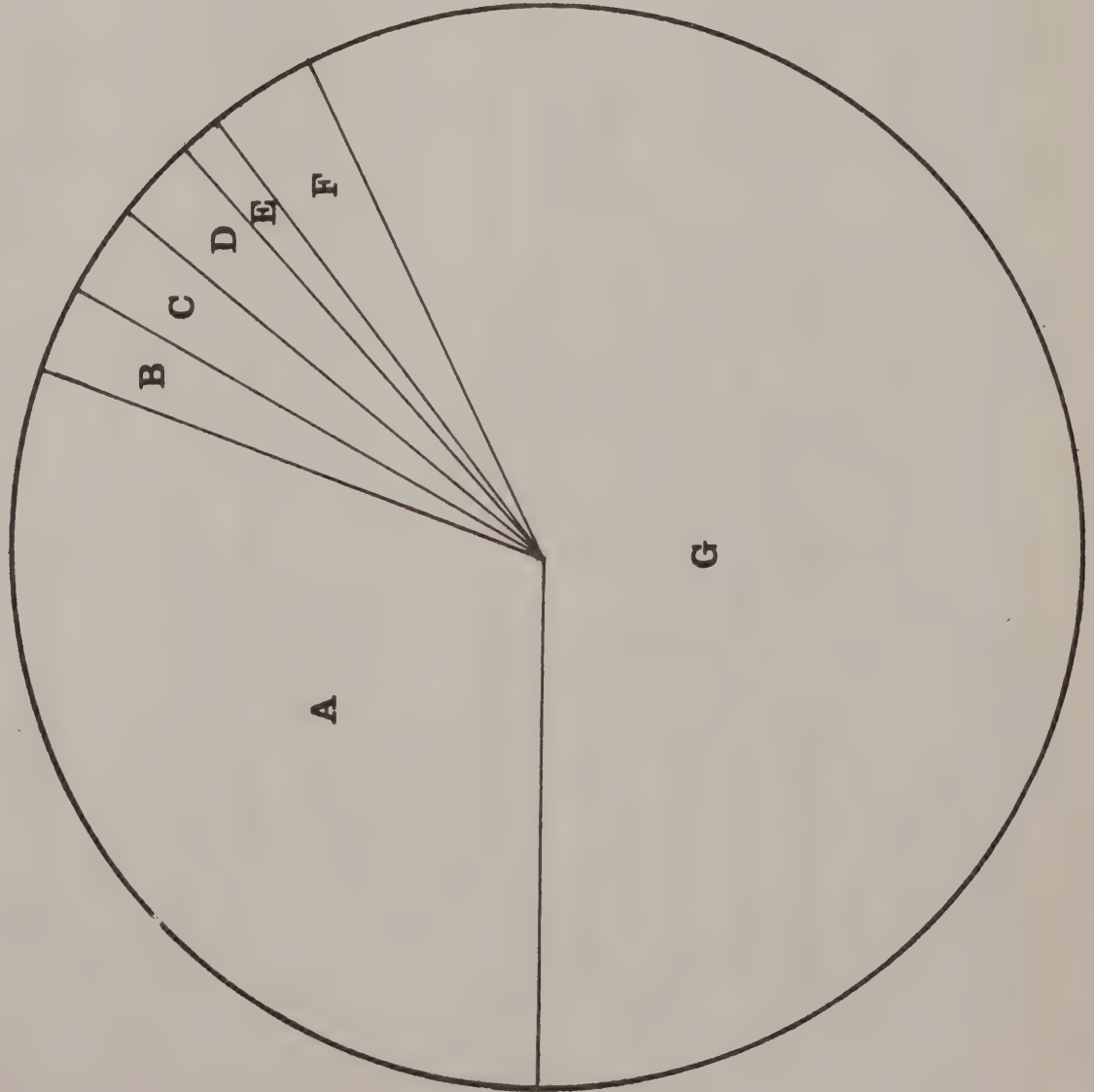
CHARACTERISTICS OF INDUSTRIAL FIRMS: 1972				
Industry	Number of Firms	Annual Payroll in \$	Average Number of Employees	Average Annual Wage in \$
Agriculture and Mining	8	74,076	17	4,357
Construction	76	4,572,720	481	9,507
Manufacturing	47	36,580,219	3,523	10,383
Transportation, Communication, and Utilities	17	2,512,136	288	8,723
Wholesale and Retail Trade	243	15,112,978	2,835	5,331
Finance, Insurance, Real Estate	44	2,407,039	364	6,613
Service Industries	156	13,087,774	2,020	6,479
Total	591	74,346,942	9,528	7,803



# METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030

1971 LAND USE PATTERN IN

## BEVERLY







METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

HOUSING CHARACTERISTICS

1970 CENSUS: SELECTED HOUSING CHARACTERISTICS										
Total Housing Units			Occupied Housing Units					Median Value		
Total		Vacant	Occupied		Total	Owner Occupied		Renter Occupied		Owner Occupied
#	%	#	%	#	%	#	%	#	%	Unit \$
12,091	100.0	526	4.4	11,565	95.6	11,565	100.0	7,496	64.8	21,500
								4,069	35.2	
										\$
										95

1970 CENSUS: NUMBER OF HOUSING UNITS by Occupancy Status and Race of Head of Household									
Occupancy Status	Total		White Head of Household		Black Head of Household		Not Applicable		
	#	%	#	%	#	%	#	%	
Owner Occupied	7,496	62.5	7,465	64.9	15	44.1			
Renter Occupied	4,069	33.9	4,034	35.1	19	55.9			
Vacant Year Round	435	3.6	Not Applicable						
Total	12,000	100.0	11,499	100.0	34	100.0			

BUILDING PERMITS ISSUED FOR NEW Dwelling Units: 1960-1971	
Year Issued	Number
1960-1964	576
1965-1970	1,265
1971	162
Total	2,003



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

HOUSING CHARACTERISTICS

NUMBER OF SUBSIDIZED HOUSING UNITS BY TYPE OF UNIT BY CONSTRUCTION STATUS: 1973									
Status	Total Subsidized Units	Low Income Units			Moderate Income Units			MHFA Low-Moderate Income Units	
		Elderly	Family	Leased	Elderly	Family Homeownership	Rental Assistance	Low	Moderate
Completed	434	250	117	0	0	5	62	0	0
Under Construction	100	100	0	0	0	0	0	0	0
In Planning	120	0	20	0	0	0	100	0	0

1970 CENSUS: AGE OF HOUSING UNITS									
Year Built	Total Housing Units		Black Occupied Housing Units		Other Occupied Housing Units		Spanish-American Occupied Housing Units		
	#	%	#	%	#	%	#	%	%
1965-March 1970	652	5.4	0		652	5.4			
1960-1964	558	4.7	0		558	4.7			
1950-1959	2,278	19.0	4	12.5	2,274	19.0			
1940-1949	983	8.2	0		983	8.2			
1939 or earlier	7,532	62.8	28	87.5	7,504	62.7			
Total	12,003	100.0	32	100.0	11,971	100.0			N.A.





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

HOUSING CHARACTERISTICS

1970 CENSUS: NUMBER OF PERSONS PER ROOM IN OCCUPIED HOUSING UNITS by Race of Head of Household						
Persons per Room	Total Occupied Units		Black Occupied Units		Other Occupied Units	
	#	%	#	%	#	%
1.00 or less	10,928	94.5	30	88.2	10,898	94.5
1.01 to 1.50	548	4.7	4	11.8	544	4.7
1.51 or more	89	0.8	0		89	0.8
Total	11,565	100.0	34	100.0	11,531	100.0

1970 CENSUS: TYPE OF HOUSING STRUCTURE		
Type	# of Structures	% of Housing Units
1 Unit	7,167	59.7
2 Units	1,802	15.0
3-4 Units	1,611	13.4
5-9 Units	717	6.0
10 or more Units	706	5.9
Mobile Home or Trailer	0	
Total	12,003	100.0

1970 CENSUS: Average Number of Persons per Housing Unit	
Total Occupied Housing Units	3.2
Black Occupied Housing Units	3.2
Other Occupied Housing Units	3.2
Spanish-American Occupied Housing Units	3.7



METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

HOUSING CHARACTERISTICS

1970 CENSUS: VALUE OF OWNER OCCUPIED HOUSING UNITS BY RACE OF HEAD OF HOUSEHOLD									
	Total Owner Occupied Units		Black Owner Occupied Units		Other Owner Occupied Units		Spanish-American Owner Occupied Units		
	#	%	#	%	#	%	#	%	
Less than \$5,000	16	0.3							
\$5,000 - \$7,499	5	0.1							
\$7,500 - \$9,999	56	0.9							
\$10,000 - \$12,499	210	3.3							
\$12,500 - \$14,999	363	5.7							
\$15,000 - \$17,499	828	13.0							
\$17,500 - \$19,999	1,112	17.5							
\$20,000 - \$24,999	1,972	31.1							
\$25,000 - \$34,999	1,291	20.3							
\$35,000 - \$49,999	249	3.9							
\$50,000 and over	233	3.7							
Total	6,335	100.0	N.A.		N.A.		N.A.		





METROPOLITAN PLANNING PROJECT/COMMUNITY PROFILE # 030 BEVERLY

HOUSING CHARACTERISTICS

1970 CENSUS: MONTHLY GROSS RENT BY RACE OF HEAD OF HOUSEHOLD									
Monthly Gross Rent	Total Renter		Black Renter		Other Renter		Spanish-American		
	#	%	#	%	#	%	Renter Occupied Units	#	
Less than \$30	0	0.0							
\$30 - \$49	83	2.1							
\$50 - \$69	365	9.0							
\$70 - \$89	422	10.4							
\$90 - \$119	1,180	29.2							
\$120 - \$149	1,089	26.9							
\$150 - \$199	599	14.8							
\$200 - \$249	101	2.5							
\$250 - \$299	53	1.3							
\$300 or more	16	0.4							
No Cash Rent	139	3.4							
Total	4,047	100.0	N.A.		N.A.			N.A.	



School District #	030
School #	005
001	001
002	002
003	003
004	004
005	005
006	006
007	007
008	008
009	009
010	010
011	011
012	012
013	013
014	014
015	015
016	016
017	017
018	018
019	019
020	020
021	021
022	022
023	023
024	024
025	025
026	026
027	027
028	028
029	029
030	030
031	031
032	032
033	033
034	034
035	035
036	036
037	037
038	038
039	039
040	040
041	041
042	042
043	043
044	044
045	045
046	046
047	047
048	048
049	049
050	050
051	051
052	052
053	053
054	054
055	055
056	056
057	057
058	058
059	059
060	060
061	061
062	062
063	063
064	064
065	065
066	066
067	067
068	068
069	069
070	070
071	071
072	072
073	073
074	074
075	075
076	076
077	077
078	078
079	079
080	080
081	081
082	082
083	083
084	084
085	085
086	086
087	087
088	088
089	089
090	090
091	091
092	092
093	093
094	094
095	095
096	096
097	097
098	098
099	099
100	100

1973-74

School District:	Beverly
School Name:	Charles S. Brown
No. & Street:	30 Conant St.
City, State, Zip:	Beverly, Mass. 01915
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1921
Dates of Additions or Changes:	
# Rooms, Instructional Use:	13
# Rooms, Other Uses:	6
TOTAL	19

School District #	030
School #	005
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	18
# Students, Reduced Price:	0
TOTAL	18
% School Enrollment:	6.9
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





STUDENT ETHNIC CENSUS: 1973-74					
Total		White	Non-white	Non-white	
				Black	Native-American
					Asian-American
					Spanish Surname
Number	260	260	0	0	0
Percent	100.0	100.0			

School District # 030  
School # 005

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	261	261	100.0	0	
1970-1971	279	279	100.0	0	
1972-1973	255	255	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-6	-2.3	
White	-6	-2.3	0.0
Non-white	0	0.0	0.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District # 030  
School # 010

1973-74	Beverly
School District:	Centerville
School Name:	17 Hull St.
No. & Street:	Beverly, Mass. 01915
City, State, Zip:	K-6
Grade Organization:	
Facilities:	
Initial Construction Date:	1965
Dates of Additions or Changes:	
# Rooms, Instructional Use:	14
# Rooms, Other Uses:	8
TOTAL	32

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	4
# Students, Reduced Price:	0
TOTAL	4
% School Enrollment:	1.4
Bilingual Program:	
# Eligible Students:	
% School Enrollment:	0
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





School District # 030  
School # 010

STUDENT ETHNIC CENSUS: 1973-74								School # 010
	Total	White	Non-white	Non-white				Spanish Surname
				Black	Native-American	Asian-American		
Number	283	281	2	0	0	2		0
Percent	100.0	99.3	0.7			0.7		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	303	303	100.0	0	
1970-1971	278	278	100.0	0	
1972-1973	276	276	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-27	-8.9	
White	-27	-8.9	0.0
Non-white	0	0.0	0.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District #	030
School #	015

1973-74

## Federal Programs

STAFF ETHNIC CENSUS: 1973-74





School District # 030  
School # 015

STUDENT ETHNIC CENSUS: 1973-74					
	Total	White	Non-white	Black	Non-white Native-American Asian-American Spanish Surname
Number	296	294	2	1	0
Percent	100.0	99.3	0.7	0.3	0.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	White		Non-white		
	#	%	#	%	
1967-1968	349	99.7	1	0.3	
1970-1971	335	99.7	1	0.3	
1972-1973	259	100.0	0		

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-90	-25.8	
White	-89	-25.6	+0.3
Non-white	-1	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District # 030  
School # 020

1973-74  
School District: Beverly  
School Name: Abraham Edwards  
No. & Street: 45 Rantoul Street  
City, State, Zip: Beverly, Mass. 01915  
Grade Organization: K-6  
Facilities:  
Initial Construction Date: 1912  
Dates of Additions or Changes: \_\_\_\_\_  
# Rooms, Instructional Use: 28  
# Rooms, Other Uses: 10  
TOTAL 38

1973-74	
Federal Programs	
Title I:	
Type of Program:	language arts, math,
# of Students:	reading, pre-school
% School Enrollment:	104
Lunch Program:	31.7
# Students, Free:	86
# Students, Reduced Price:	0
TOTAL	86
% School Enrollment:	26.2
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





STUDENT ETHNIC CENSUS: 1973-74						School District # 030 School # 020	
	Total	White	Non-white	Black	Native-American	Asian-American	Spanish Surname
Number	328	323	5	5	0	0	0
Percent	100.0	98.5	1.5	1.5			

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White	Non-white		
1967-1968	345	#	%	#	%
1970-1971	331	341	98.8	4	1.2
1972-1973	313	324	97.9	7	2.1
		309	98.7	4	1.3

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-32	-9.3	
White	-32	-9.4	-0.1
Non-white	0	0.0	+8.3

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District # 030
School # 025

1973-74  
School District: Beverly  
School Name: Farms  
No. & Street: 66 Haskell St.  
City, State, Zip: Beverly, Mass. 01915  
Grade Organization: K-6  
Facilities:  
Initial Construction Date: 1903  
Dates of Additions or Changes: \_\_\_\_\_  
# Rooms, Instructional Use: 1  
# Rooms, Other Uses: 7  
TOTAL 8

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	4
# Students, Reduced Price:	0
TOTAL	4
% School Enrollment:	2.4
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





STUDENT ETHNIC CENSUS: 1973-74							School District # 030 School # 025	
	Total	White	Non-white	Black	Non-white			
					Native-American	Asian-American	Spanish Surname	
Number	166	163	3	0	0	0	3	
Percent	100.0	98.2	1.8				1.8	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	135	135	100.0	0	
1970-1971	143	143	100.0	0	
1972-1973	146	146	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+11	+8.1	
White	+11	+8.1	0.0
Non-white	0	0.0	0.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District #	School #
030	

1973-74	School District:	Beverly
	School Name:	Hardie
	No. & Street:	23 Essex Street
	City, State, Zip:	Beverly, Mass. 01915
	Grade Organization:	K-6
	Facilities:	
	Initial Construction Date:	1898
	Dates of Additions or Changes:	NA
	# Rooms, Instructional Use:	18
	# Rooms, Other Uses:	8
	TOTAL	26

1973-74	
Federal Programs	
Title I:	
Type of Program:	language arts, math
# of Students:	reading, pre-school
% School Enrollment:	94
Lunch Program:	24.9
# Students, Free:	39
# Students, Reduced Price:	0
TOTAL	39
% School Enrollment:	10.3
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





STUDENT ETHNIC CENSUS: 1973-74							School District # 030 School # 030	
Total		White	Non-white	Black	Non-white			
					Native-American	Asian-American	Spanish Surname	
Number	378	370	8	5	1	1	1	
Percent	100.0	97.9	2.1	1.3	0.3	0.3	0.3	

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	427	426	99.8	1	0.2
1970-1971	345	343	99.4	2	0.6
1972-1973	324	324	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-103	-24.1	
White	-102	-23.9	+0.2
Non-white	-1	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



# METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74		School District # 030	
School District: <u>Beverly</u>		School # 033	
School Name: <u>Hannah Elementary</u>			
No. & Street: <u>R41 Brimbal Ave.</u>			
City, State, Zip: <u>Beverly, Mass. 01915</u>			
Grade Organization: <u>K-6</u>			
Facilities:			
Initial Construction Date: <u>1969</u>			
Dates of Additions or Changes:			
# Rooms, Instructional Use: <u>22</u>			
# Rooms, Other Uses: <u>37</u>			
TOTAL <u>59</u>			
1973-74			
Federal Programs			
Title I:			
Type of Program:			
# of Students:		<u>0</u>	
% School Enrollment:			
Lunch Program:			
# Students, Free:		<u>24</u>	
# Students, Reduced Price:		<u>0</u>	
TOTAL		<u>24</u>	
% School Enrollment:		<u>5.7</u>	
Bilingual Program:			
# Eligible Students:		<u>0</u>	
% School Enrollment:			
METCO Interdistrict Program:			
# Students:		<u>0</u>	
% School Enrollment:			

1973-74		School District: <u>Beverly</u>	
School Name: <u>Hannah Elementary</u>			
No. & Street: <u>R41 Brimbal Ave.</u>			
City, State, Zip: <u>Beverly, Mass. 01915</u>			
Grade Organization: <u>K-6</u>			
Facilities:			
Initial Construction Date: <u>1969</u>			
Dates of Additions or Changes:			
# Rooms, Instructional Use: <u>22</u>			
# Rooms, Other Uses: <u>37</u>			
TOTAL <u>59</u>			

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Adminis- trators	Teachers	Teacher Aides	Other Profes- sionals
TOTAL	23	100.0	3	8	8	4	4	12	7	1	20	2	0
White	22	95.7	3	8	7	4	4	11	7	1	19	2	0
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	4.3	0	0	1	0	0	0	0	0	0	0	0





STUDENT ETHNIC CENSUS: 1973-74							School District # 030 School # 033	
Total		White	Non-white	Non-white				
				Black	Native-American	Asian-American	Spanish Surname	
Number	424	423	1	1	0	0	0	
Percent	100.0	99.8	0.2	0.2				

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	School not opened				
1970-1971	364	364	100.0	0	
1972-1973	396	392	99.0	4	1.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972				
		#	%	% Change in Proportional Distribution
TOTAL		+396	Not Applicable	
White		+392	Not Applicable	Not Applicable
Non-white		+4	Not Applicable	Not Applicable

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District # 030  
School # 035

1973-74	Beverly
School District:	
School Name:	McKay
No. & Street:	131 McKay Street
City, State, Zip:	Beverly, Mass. 01915
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1905
Dates of Additions or Changes:	
# Rooms, Instructional Use:	14
# Rooms, Other Uses:	7
TOTAL	21

1973-74  
Federal Programs  
Title I:  
    Type of Program:  
        # of Students:  
        % School Enrollment:  
    Lunch Program:  
        # Students, Free:  
        # Students, Reduced Price:  
        TOTAL  
        % School Enrollment:  
Bilingual Program:  
    # Eligible Students:  
    % School Enrollment:  
METCO Interdistrict Program:  
    # Students:  
    % School Enrollment:

[illegible]





METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE -- continued/2

School District # 030  
School # 035

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	332	328	4	4	0	0	0
Percent	100.0	98.8	1.2	1.2			

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	375	374	99.7	1	0.3
1970-1971	301	299	99.3	2	0.7
1972-1973	296	296	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-79	-21.1	
White	-78	-20.9	+0.3
Non-white	-1	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District # 030  
School # 040

1973-74

School District:	Beverly
School Name:	North Beverly Elementary
No. & Street:	Putnam Street
City, State, Zip:	Beverly, Mass. 01915
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1957
Dates of Additions or Changes:	
# Rooms, Instructional Use:	14
# Rooms, Other Uses:	29
TOTAL	43

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	9
# Students, Reduced Price:	0
TOTAL	9
% School Enrollment:	3.0
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





STUDENT ETHNIC CENSUS: 1973-74						
Total		White	Non-white	Black	Non-white	
					Native-American	Asian-American
						Spanish Surname
Number	297	289	8	6	0	2
Percent	100.0	97.3	2.7	2.0		0.7

School District #030  
School # 040

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	White		Non-white		
	#	%	#	%	%
1967-1968	331	99.1	3	0.9	
1970-1971	261	97.3	7	2.7	
1972-1973	268	97.8	6	2.2	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-63	-19.0	
White	-66	-20.1	-1.3
Non-white	+3	100.0	144.4

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		









School District # 030  
School # 045

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	197	188	9	0	0	3	6
Percent	100.0	95.4	4.6			1.5	3.0

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	251	251	100.0	0	
1970-1971	213	213	100.0	0	
1972-1973	196	194	99.0	2	1.0

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-55	-21.9	
White	-57	-22.7	-1.0
Non-white	+2	Undefined	Undefined

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School	District #	
School # 030		
School # 050		

1973-74

School District:	Beverly
School Name:	Ryal Side Elementary
No. & Street:	Woodland Avenue
City, State, Zip:	Beverly, Mass. 01915
Grade Organization:	K-6
Facilities:	
Initial Construction Date:	1960
Dates of Additions or Changes:	
# Rooms, Instructional Use:	23
# Rooms, Other Uses:	24
TOTAL	47

1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	14
# Students, Reduced Price:	0
TOTAL	14
% School Enrollment:	4.7
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





School District # 030  
School # 050

STUDENT ETHNIC CENSUS: 1973-74					
Total	White	Non-white	Black	Non-white	
				Native-American	Asian-American
					Spanish Surname
Number	294	4	4	0	0
Percent	98.7	1.3	1.3		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	White		Non-white		
	#	%	#	%	%
1967-1968	351	98.9	4	1.1	
1970-1971	346	98.6	5	1.4	
1972-1973	287	98.6	4	1.4	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-64	-18.2	
White	-64	-18.4	-0.3
Non-white	0	0.0	+27.3

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District #	030
School #	055

1973-74  
School District: Beverly  
School Name: Winifred P. Upton  
No. & Street: 137 Bridge Street  
City, State, Zip: Beverly, Mass. 01915  
Grade Organization: K-6  
Facilities:  
Initial Construction Date: 1889  
Dates of Additions or Changes: 1919, 1936  
# Rooms, Instructional Use: 21  
# Rooms, Other Uses: 15  
TOTAL 36

School District #	School #	030	055
1973-74			
Federal Programs			
Title I:			
Type of Program:		0	
# of Students:			
% School Enrollment:			
Lunch Program:		12	
# Students, Free:		0	
# Students, Reduced Price:		12	
TOTAL		25	
% School Enrollment:			
Bilingual Program:		0	
# Eligible Students:			
% School Enrollment:			
METCO Interdistrict Program:			
# Students:		0	
% School Enrollment:			

[illegible]





STUDENT ETHNIC CENSUS: 1973-74							School District # 030 School # 055	
Total		White	Non-white	Non-white				
				Black	Native-American	Asian-American	Spanish Surname	
Number	476	471	5	1	0	4	0	
Percent	100.0	98.9	1.1	0.2		0.8		

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	442	439	99.3	3	0.7
1970-1971	491	487	99.2	4	0.8
1972-1973	463	457	98.7	6	1.3

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+21	+4.8	
White	+18	+4.1	-0.6
Non-white	+3	+100.0	+85.7

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



School District #	030
School #	060

1973-74  
School District: Beverly  
School Name: Washington  
No. & Street: 415 Rantoul St.  
City, State, Zip: Beverly, Mass. 01915  
Grade Organization: K-6  
Facilities:  
Initial Construction Date: 1910  
Dates of Additions or Changes: \_\_\_\_\_  
# Rooms, Instructional Use: 17  
# Rooms, Other Uses: 7  
TOTAL 24

1973-74	
Federal Programs	
Title I:	
Type of Program:	language arts, math,
# of Students:	reading, pre-school
% School Enrollment:	127
	30.0
Lunch Program:	
# Students, Free:	140
# Students, Reduced Price:	0
TOTAL	140
% School Enrollment:	33.1
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

[illegible]





School District # 030  
School # 060

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	423	400	23	2	0	3	18
Percent	100.0	94.6	5.4	0.5		0.7	4.3

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	458	457	99.8	1	0.2
1970-1971	412	411	99.8	1	0.2
1972-1973	389	389	100.0	0	

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	-69	-15.1	
White	-68	-14.9	+0.2
Non-white	-1	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



# METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	School District:	Beverly
	School Name:	Briscoe Jr. High
	No. & Street:	Sohier Road
	City, State, Zip:	Beverly, Mass. 01915
	Grade Organization:	7-9
	Facilities:	
	Initial Construction Date:	1926
	Dates of Additions or Changes:	
	# Rooms, Instructional Use:	66
	# Rooms, Other Uses:	29
	TOTAL	95

School District # 030	School # 405
1973-74	Federal Programs
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	110
# Students, Reduced Price:	0
TOTAL	110
% School Enrollment:	9.0
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	68	100.0	7	22	32	7	14	39	15	2	61	1	5
White	65	95.6	7	20	31	7	14	36	15	2	60	1	5
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1		0	0	1	0	0	1	0	0	1	0	0





School District #030  
School #405

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	1,221	1,211	10	2	0	1	7
Percent	100.0	99.2	0.8	0.2		0.1	0.6

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	1,094	1,091	99.7	3	0.3
1970-1971	1,174	1,169	99.6	5	0.4
1972-1973	1,191	1,183	99.3	8	0.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+97	+8.9	
White	+92	+8.4	-0.4
Non-white	+5	+166.7	+133.3

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



# METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74	School District: <u>Beverly</u>	School District # <u>030</u>
	School Name: <u>Memorial Jr. High</u>	School # <u>410</u>
	No. & Street: <u>502 Cabot St.</u>	
	City, State, Zip: <u>Beverly, Mass. 01915</u>	
	Grade Organization: <u>7-9</u>	
	Facilities:	
	Initial Construction Date: <u>1954</u>	
	Dates of Additions or Changes:	
	# Rooms, Instructional Use: <u>50</u>	
	# Rooms, Other Uses: <u>40</u>	
	TOTAL <u>90</u>	

1973-74	School District: <u>Beverly</u>	School District # <u>030</u>
	School Name: <u>Memorial Jr. High</u>	School # <u>410</u>
	No. & Street: <u>502 Cabot St.</u>	
	City, State, Zip: <u>Beverly, Mass. 01915</u>	
	Grade Organization: <u>7-9</u>	
	Facilities:	
	Initial Construction Date: <u>1954</u>	
	Dates of Additions or Changes:	
	# Rooms, Instructional Use: <u>50</u>	
	# Rooms, Other Uses: <u>40</u>	
	TOTAL <u>90</u>	

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Administrators	Teachers	Teacher Aides	Other Professionals
TOTAL	56	100.0	5	18	22	9	10	23	21	2	47	0	9
White	56	92.6	5	16	20	9	8	21	21	2	45	0	9
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	1	1.4	0	1	0	0	0	1	0	0	1	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	1.9	0	0	1	0	0	1	0	0	1	0	0





School District # 030  
School # 410

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	908	894	14	7	0	2	5
Percent	100.0	98.5	1.5	0.8		0.2	0.6

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment		Non-white		
	#	%	#	%	%
1967-1968	863	861	2	0.6	
1970-1971	942	939	3	0.3	
1972-1973	922	922	0		

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+59	+6.8	
White	+61	+7.1	+0.6
Non-white	-2	-100.0	-100.0

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



# METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

1973-74		School District # 030	
School District: Beverly		School # 505	
School Name: Beverly High			
No. & Street: Sohler Road			
City, State, Zip: Beverly, Mass. 01915			
Grade Organization: 10-12			
Facilities:			
Initial Construction Date: 1963			
Dates of Additions or Changes:			
# Rooms, Instructional Use: 87			
# Rooms, Other Uses: 61			
TOTAL 148			
1973-74 Federal Programs			
Title I:			
Type of Program:			
# of Students:		0	
% School Enrollment:			
Lunch Program:			
# Students, Free:		39	
# Students, Reduced Price:		0	
TOTAL		39	
% School Enrollment:		2.2	
Bilingual Program:			
# Eligible Students:		0	
% School Enrollment:			
METCO Interdistrict Program:			
# Students:		0	
% School Enrollment:			

1973-74		School District: Beverly	
School Name: Beverly High			
No. & Street: Sohler Road			
City, State, Zip: Beverly, Mass. 01915			
Grade Organization: 10-12			
Facilities:			
Initial Construction Date: 1963			
Dates of Additions or Changes:			
# Rooms, Instructional Use: 87			
# Rooms, Other Uses: 61			
TOTAL 148			

STAFF ETHNIC CENSUS: 1973-74													
Professional Staff	Census		Age				Years in Present System			Position			
	#	%	Under 26	26-34	35-55	56 & Over	Under 3	3-9	10 & Over	Adminis- trators	Teachers	Teacher Aides	Other Profes- sionals
TOTAL	93	100.0	5	40	42	6	19	51	23	5	81	0	12
White	90	96.8	5	39	42	6	19	48	23	5	80	0	12
Black	0		0	0	0	0	0	0	0	0	0	0	0
Spanish Surname	0		0	0	0	0	0	0	0	0	0	0	0
Asian-American	0		0	0	0	0	0	0	0	0	0	0	0
Native-American	0		0	0	0	0	0	0	0	0	0	0	0
Other	1	1.1	0	1	0	0	0	0	0	0	0	0	0





School District # 030  
School # 505

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			
				Black	Native-American	Asian-American	Spanish Surname
Number	1,753	1,737	16	5	1	3	7
Percent	100.0	99.1	0.9	0.3	0.1	0.2	0.4

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	1,551	1,542	99.4	9	0.6
1970-1971	1,688	1,681	99.6	7	0.4
1972-1973	1,713	1,703	99.4	10	0.6

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+162	+10.4	
White	+161	+10.4	0.0
Non-white	+1	+11.1	0.0

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	68	15.3	90	15.5	
4-yr. Other College	84	19.0	91	15.6	
2-yr. State College	59	13.3	110	18.9	
2-yr. Other College	24	5.4	16	2.7	
Nurses Training	13	2.9	18	3.1	
Other Post Secondary	56	12.6	34	5.8	
Military	14	3.2	14	2.4	
Work	76	17.2	97	16.7	
Other	49	11.1	112	19.2	
TOTAL	443	100.0	582	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		



## METROPOLITAN PLANNING PROJECT/INDIVIDUAL SCHOOL PROFILE

School District # 030	
School # 605	
1973-74	
Federal Programs	
Title I:	
Type of Program:	
# of Students:	0
% School Enrollment:	
Lunch Program:	
# Students, Free:	
# Students, Reduced Price:	
TOTAL	0
% School Enrollment:	
Bilingual Program:	
# Eligible Students:	0
% School Enrollment:	
METCO Interdistrict Program:	
# Students:	0
% School Enrollment:	

1973-74	
School District:	Beverly
School Name:	C. H. Patten Vocational High
No. & Street:	26 Russel St.
City, State, Zip:	Beverly, Mass. 01915
Grade Organization:	9-12
Facilities:	
Initial Construction Date:	1965
Dates of Additions or Changes:	
# Rooms, Instructional Use:	20
# Rooms, Other Uses:	13
TOTAL	33

## STAFF ETHNIC CENSUS: 1973-74

[illegible]





School District # 030  
School # 605

STUDENT ETHNIC CENSUS: 1973-74							
	Total	White	Non-white	Non-white			Spanish Surname
				Black	Native-American	Asian-American	
Number	299	299	0	0	0	0	0
Percent	100.0	100.0					

RACIAL CENSUS: 1967-68, 1970-71, 1972-73					
Years	Total Enrollment	White		Non-white	
		#	%	#	%
1967-1968	215	215	100.0	0	
1970-1971	221	219	99.1	2	0.9
1972-1973	287	285	99.3	2	0.7

RACIAL CENSUS: ENROLLMENT CHANGE 1967-1972			
	#	%	% Change in Proportional Distribution
TOTAL	+72	+33.5	
White	+70	+32.6	-0.7
Non-white	+2	Undefined	Undefined

FOLLOW UP OF HIGH SCHOOL GRADUATES: 1968, 1972					
Post High School Placement	Class of				
	1968		1972		
	#	%	#	%	
4-yr. State College	0		0	0	
4-yr. Other College	0		0	0	
2-yr. State College	1	1.9	0		
2-yr. Other College	0		2	3.6	
Nurses Training	0		0		
Other Post Secondary	0		0		
Military	13	25.0	8	14.3	
Work	36	69.2	46	82.1	
Other	0		0		
TOTAL	52	100.0	56	100.0	

ELIGIBLE TRANSITIONAL BILINGUAL STUDENTS: 1973-74		
Language	Number of Students	Percent of Bilingual Enrollment
TOTAL	0	
Chinese		
French		
Greek		
Italian		
Portuguese		
Spanish		
Other		













